Anritsu

SSV series

Combination Checkweigher
and Metal Detector

M5   **M6-h**

☑ **SSV**-h,i,f **+ M5**

☑ **SSV**-h,i,f **+ M6-h**

☐ SSV-h,i,f

SSV series • M5 Dual Wave • M6ʰ

SSV series
Combination Checkweigher
and Metal Detector

M5 Metal Detector
equipped model

M6-h Metal Detector
equipped model

Lineup

High Accuracy
Combination SSV-h Series and Metal Detector

Equipped with a high speed/high accuracy force balance load cell. Meets stringent accuracy and reliability standards in industrial and pharmaceutical products.

Control panel exterior	☑ Stainless steel	☑ Painted
Conveyor	☐ Waterproof	☑ Non waterproof
Balance	☑ Force balance	☐ Strain gauge
Frame	☑ Stainless steel	☑ Painted
Metal Detector Selectin	☑ M5	☑ M6-h

Waterproof
Combination SSV-i Series and Metal Detector

Features waterproof and dustproof cabinet and components. Its hygienic design is perfect for unpackaged and fresh foods which require stringent sanitary control.

Control panel exterior	☑ Stainless steel	☐ Painted
Conveyor	☑ Waterproof	☐ Non waterproof
Balance	☑ Force balance	☑ Strain gauge
Frame	☑ Stainless steel	☐ Painted
Metal Detector Selectin	☑ M5	☑ M6-h

Versatile
Combination SSV-f Series and Metal Detector

Equipped with a highly versatile strain gauge load cell. Well suited for a variety of applications including heavy products.

Control panel exterior	☑ Stainless steel	☑ Painted
Conveyor	☐ Waterproof	☑ Non waterproof
Balance	☐ Force balance	☑ Strain gauge
Frame	☑ Stainless steel	☑ Painted
Metal Detector Selectin	☑ M5	☑ M6-h

Metal Detector Selection

High Sensitivity
M6-h

Anritsu's unique dual-wave detection technology minimizes product effect to deliver high performance and stability. The M6-h is the next evolution of the industry's first simultaneous 2 frequency detection systems.

Entry
M5

Equipped with operator friendly touch screen for simplified operation and industry leading digital signal processing, HRDSP.

SSV-h series
SSV-i series
SSV-f series

Model Selection List

・[   ] are optional.
・The accuracy and speed vary according to the products to be weighed and the rejector.
△ : A letter indicating the exterior type.
□ : A number indicating the metal detection unit type.

Page	Series	Model	Weighing range (g)	Maximum accuracy (3σ) (g)	Maximum speed (products/min)	Belt speed (m/min)	Width (mm)	Length (mm)	M5 series 2R	3R	4R	5R	6R	M6-h series 2G	3G	4G	5G	6G	7G	8G
4, 5	High Accuracy SSV-h series	KWS6003B△□□	0.4 to 100	±0.01	310	15 to 92	20 to 100	58 to 230	√	√	√	√	√	√	√	√	−	−	−	−
6, 7		KWS6005B△□□	0.4 to 100	±0.01	310	15 to 92	20 to 160	58 to 230	√	√	√	√	√	√	√	√	−	−	−	−
8, 9		KWS6006B△□□	0.4 to 100	±0.01	320	15 to 120	20 to 160	58 to 320	√	√	√	√	√	√	√	√	−	−	−	−
10, 11		KWS6203B△□□	1.2 to 600	±0.015	400	15 to 120	20 to 100	58 to 230	√	√	√	√	√	√	√	√	−	−	−	−
12, 13		KWS6205B△□□	1.2 to 600	±0.015	400	15 to 120	20 to 160	58 to 230	√	√	√	√	√	√	√	√	−	−	−	−
14, 15		KWS6206B△□□	1.2 to 600	±0.015	320	15 to 120	20 to 160	58 to 320	√	√	√	√	√	√	√	√	−	−	−	−
16, 17		KWS6411B△□□	6 to 3000	±0.1	400	15 to 120	20 to 250	65 to 230	√	√	√	√	√	√	√	√	√	−	√	√
18, 19		KWS6412B△□□	6 to 3000	±0.1	320	15 to 120	20 to 250	65 to 320	√	√	√	√	√	√	√	√	√	−	√	√
20, 21		KWS6414B△□□	6 to 3000	±0.1	220	15 to 120	20 to 250	65 to 450	√	√	√	√	√	√	√	√	√	−	√	√
22, 23		KWS6416B△□□	6 to 3000	±0.1	210	15 to 91	20 to 350	65 to 350	√	√	√	√	√	√	−	√	−	√	√	√
24, 25		KWS6417B△□□	6 to 3000	±0.1	170	15 to 91	20 to 350	65 to 450	√	√	√	√	√	√	−	√	−	√	√	√
26, 27	Waterproof SSV-i series	KWS6265BW□□	6 to 600	±0.1	280	9 to 82	20 to 160	68 to 200	√	√	√	√	√	√	√	√	−	−	−	−
28, 29		KWS6366BW□□	12 to 1200	±0.1	220	9 to 82	20 to 230	68 to 320	√	√	√	√	√	√	√	√	√	−	√	√
30, 31		KWS6472BW□□	30 to 3000 [30 to 1200]	±0.1	160 [220]	7 to 60 [9 to 82]	20 to 230	76 to 320	√	√	√	√	√	√	√	√	√	−	√	√
32, 33		KWS5265BW□□	6 to 600	±0.2	280	9 to 82	20 to 160	68 to 200	√	√	√	√	√	√	√	√	−	−	−	−
34, 35		KWS5366BW□□	12 to 1200	±0.2	220	9 to 82	20 to 230	68 to 320	√	√	√	√	√	√	√	√	√	−	√	√
36, 37		KWS5472BW□□	30 to 3000 [30 to 1200]	±0.5	160 [220]	7 to 60 [9 to 82]	20 to 230	76 to 320	√	√	√	√	√	√	√	√	√	−	√	√
38, 39		KWS5476BW□□	30 to 3000 [30 to 1200]	±0.5	120 [155]	7 to 65 [9 to 83]	20 to 350	76 to 450	√	√	√	√	√	√	−	√	−	√	√	√
40, 41		KWS5577BW□□	60 to 6000	±1.5	70	5 to 38	20 to 350	76 to 450	√	√	√	√	√	√	−	√	−	√	√	√
42, 43	Versatile SSV-f series	KWS5203B△□□	6 to 600	±0.2	350	15 to 103	20 to 100	58 to 230	√	√	√	√	√	√	√	√	−	−	−	−
44, 45		KWS5205B△□□	6 to 600	±0.2	350	15 to 103	20 to 160	58 to 230	√	√	√	√	√	√	√	√	−	−	−	−
46, 47		KWS5206B△□□	6 to 600	±0.2	320	15 to 120	20 to 160	58 to 310	√	√	√	√	√	√	√	√	−	−	−	−
48, 49		KWS5411B△□□	12 to 3000	±0.2	320	15 to 94	20 to 250	65 to 230	√	√	√	√	√	√	√	√	√	−	√	√
50, 51		KWS5412B△□□	12 to 3000	±0.2	320	15 to 120	20 to 250	65 to 310	√	√	√	√	√	√	√	√	√	−	√	√
52, 53		KWS5414B△□□	12 to 3000	±0.2	220	15 to 120	20 to 250	65 to 450	√	√	√	√	√	√	√	√	√	−	√	√
54, 55		KWS5416B△□□	12 to 3000	±0.5	210	15 to 91	20 to 350	65 to 350	√	√	√	√	√	√	−	√	−	√	√	√
56, 57		KWS5417B△□□	12 to 3000	±0.5	170	15 to 91	20 to 350	65 to 450	√	√	√	√	√	√	−	√	−	√	√	√
58, 59		KWS5522B△□□	60 to 6000	±1.5	130	5 to 56	20 to 350	79 to 350	√	√	√	√	√	√	−	√	−	√	√	√
60, 61		KWS5524B△□□	60 to 6000	±1.5	110	5 to 60	20 to 350	79 to 450	√	√	√	√	√	√	−	√	−	√	√	√

High Accuracy SSV-h M6-h

SSV-h series and M6-h Metal Detector
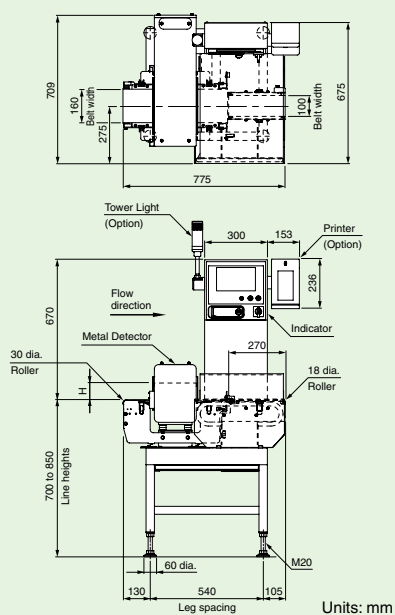
KWS6003 type

Weighing range: 0.4 to 100 g

Maximum accurace(3σ): ±0.01 g

Maximum speed: 310 products/min

◾ External Dimensions (with M6-h series)

KWS6003BF□G
KWS6003BP□G

Tower Light (Option)
Printer (Option)
Flow direction
Metal Detector
30 dia. Roller
18 dia. Roller
Indicator
700 to 850 Line heights
60 dia.
M20
130 | 540 | 105
Leg spacing
Units: mm

H	Model
50	KWS6003B△2G
80	KWS6003B△3G
100	KWS6003B△4G

◾ Specifications

Model	KWS6003BF2G KWS6003BP2G	KWS6003BF3G KWS6003BP3G	KWS6003BF4G KWS6003BP4G
Weighing range	0.4 to 100 g		
Scale interval	0.001 g		
Maximum speed [1]	310 products/min		
Maximum accuracy (3σ) [1]	±0.01 g		
Display	8.5-inch color TFT LCD		
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)		
Indication range	100.45 g		
Preset memory	Maximum 200		
Classification	2 or 3		
Product size [2]	Width W	20 to 100 mm		
	Length L	58 to 230 mm		
	Height H	5 to 50 mm	5 to 80 mm	5 to 100 mm
Belt speed	15 to 92 m/min		
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 200 VA, rush current 30 A (typ.) (20 ms or less)		
Mass	108 kg	108 kg	109 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing		
Protection class	IP30 compliance		
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)		
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)		

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

High Accuracy SSV-h   M5
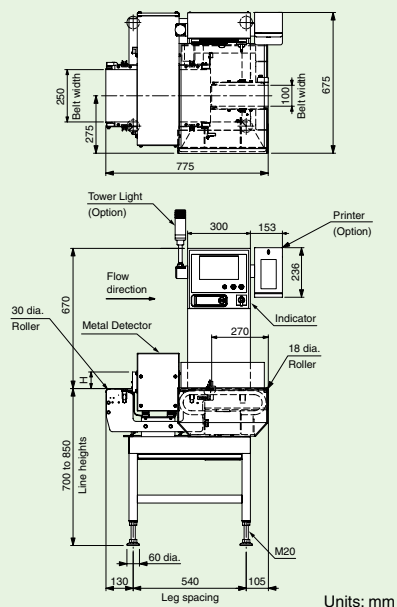
SSV-h series and M5 Metal Detector

KWS6003 type

Weighing range: 0.4 to 100 g

Maximum accurace(3σ): ±0.01 g

Maximum speed: 310 products/min

■ External Dimensions (with M5 series)

KWS6003BF□R
KWS6003BP□R

Tower Light (Option)   300   153   Printer (Option)

Flow direction

30 dia. Roller   670   Metal Detector   270   Indicator

18 dia. Roller

60 dia.   M20

130   540   105

Leg spacing   Units: mm

H	Model
50	KWS6003B△2R
80	KWS6003B△3R
120	KWS6003B△4R
150	KWS6003B△5R
180	KWS6003B△6R

■ Specifications

Model	KWS6003BF2R KWS6003BP2R	KWS6003BF3R KWS6003BP3R	KWS6003BF4R KWS6003BP4R	KWS6003BF5R KWS6003BP5R	KWS6003BF6R KWS6003BP6R
Weighing range	0.4 to 100 g				
Scale interval	0.001 g				
Maximum speed [1]	310 products/min				
Maximum accuracy (3σ) [1]	±0.01 g				
Display	8.5-inch color TFT LCD				
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range	100.45 g				
Preset memory	Maximum 200				
Classification	2 or 3				
Product size [2] Width W	20 to 100 mm				
Length L	58 to 230 mm				
Height H	5 to 50 mm	5 to 80 mm	5 to 120 mm	5 to 150 mm	5 to 180 mm
Belt speed	15 to 92 m/min				
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 200 VA, rush current 30 A (typ.) (20 ms or less)				
Mass	109 kg	108 kg	111 kg	113 kg	114 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class	IP30 compliance				
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

High Accuracy SSV-h M6-h

SSV-h series and M6-h Metal Detector

SSV-h series
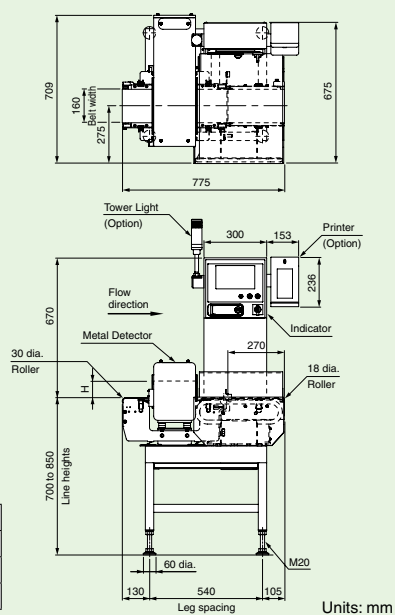
SSV-i series

SSV-f series

KWS6005 type

Weighing range: 0.4 to 100 g

Maximum accurace(3σ): ±0.01 g

Maximum speed: 310 products/min

■ External Dimensions (with M6-h series)

KWS6005BF□G
KWS6005BP□G

709
160 Belt width
275
675
775

Tower Light (Option)
300 | 153
Printer (Option)
236
Flow direction
670
Metal Detector
30 dia. Roller
270
18 dia. Roller
Indicator
H
700 to 850 Line heights
60 dia.
M20
130 | 540 | 105
Leg spacing
Units: mm

H	Model
50	KWS6005B△2G
80	KWS6005B△3G
100	KWS6005B△4G

■ Specifications

Model		KWS6005BF2G KWS6005BP2G	KWS6005BF3G KWS6005BP3G	KWS6005BF4G KWS6005BP4G
Weighing range		0.4 to 100 g		
Scale interval		0.001 g		
Maximum speed [1]		310 products/min		
Maximum accuracy (3σ) [1]		±0.01 g		
Display		8.5-inch color TFT LCD		
Operation method		Touch panel (Start, Stop, and Home are direct push buttons)		
Indication range		100.45 g		
Preset memory		Maximum 200		
Classification		2 or 3		
Product size [2]	Width W	20 to 160 mm		
	Length L	58 to 230 mm		
	Height H	5 to 50 mm	5 to 80 mm	5 to 100 mm
Belt speed		15 to 92 m/min		
Power requirements		100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 200 VA, rush current 30 A (typ.) (20 ms or less)		
Mass		108 kg	108 kg	109 kg
Environmental conditions		0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing		
Protection class		IP30 compliance		
Exterior		F type: painted, P type: stainless steel (SUS304) (excluding some parts)		
Data output		USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)		

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

High Accuracy SSV-h M5

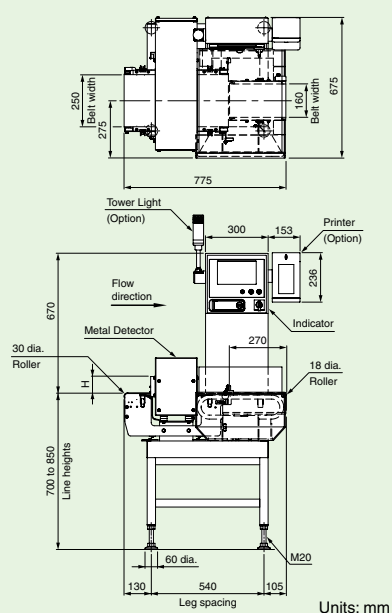## SSV-h series and M5 Metal Detector

KWS6005 type

Weighing range: 0.4 to 100 g

Maximum accurace(3σ): ±0.01 g

Maximum speed: 310 products/min

■ External Dimensions (with M5 series)

KWS6005BF□R
KWS6005BP□R

Tower Light (Option)
Printer (Option)
Flow direction
Metal Detector
Indicator
30 dia. Roller
18 dia. Roller
700 to 850 Line heights
60 dia.
M20
130 540 105
Leg spacing
Units: mm

250 Belt width
275
675
160 Belt width
775
300 153
236
670
270

H	Model
50	KWS6005B△2R
80	KWS6005B△3R
120	KWS6005B△4R
150	KWS6005B△5R
180	KWS6005B△6R

■ Specifications

Model	KWS6005BF2R KWS6005BP2R	KWS6005BF3R KWS6005BP3R	KWS6005BF4R KWS6005BP4R	KWS6005BF5R KWS6005BP5R	KWS6005BF6R KWS6005BP6R
Weighing range	0.4 to 100 g				
Scale interval	0.001 g				
Maximum speed [1]	310 products/min				
Maximum accuracy (3σ) [1]	±0.01 g				
Display	8.5-inch color TFT LCD				
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range	100.45 g				
Preset memory	Maximum 200				
Classification	2 or 3				
Product size [2] — Width W	20 to 160 mm				
Product size [2] — Length L	58 to 230 mm				
Product size [2] — Height H	5 to 50 mm	5 to 80 mm	5 to 120 mm	5 to 150 mm	5 to 180 mm
Belt speed	15 to 92 m/min				
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 200 VA, rush current 30 A (typ.) (20 ms or less)				
Mass	109 kg	108 kg	111 kg	113 kg	114 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class	IP30 compliance				
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

High Accuracy SSV-h M6-h

SSV-h series and M6-h Metal Detector

SSV-h series
SSV-i series
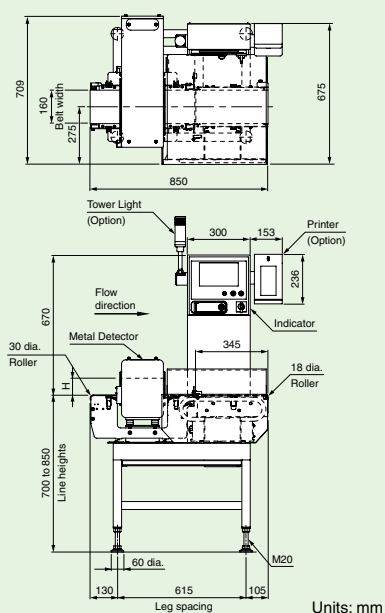**SSV-f** series

KWS6006 type

Weighing range: **0.4 to 100** g

Maximum accurace(3σ): **±0.01** g

Maximum speed: **320** products/min

■ External Dimensions (with M6-h series)

KWS6006BF□G
KWS6006BP□G

709
160 Belt width
275
675
850

Tower Light (Option)
300   153
Printer (Option)
236
Flow direction
670
Metal Detector
30 dia. Roller
345
18 dia. Roller
Indicator
H
700 to 850 Line heights
60 dia.
M20
130   615   105
Leg spacing
Units: mm

H	Model
50	KWS6006B△2G
80	KWS6006B△3G
100	KWS6006B△4G

■ Specifications

Model	KWS6006BF2G KWS6006BP2G	KWS6006BF3G KWS6006BP3G	KWS6006BF4G KWS6006BP4G
Weighing range	0.4 to 100 g		
Scale interval	0.001 g		
Maximum speed [1]	320 products/min		
Maximum accuracy (3σ) [1]	±0.01 g		
Display	8.5-inch color TFT LCD		
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)		
Indication range	100.45 g		
Preset memory	Maximum 200		
Classification	2 or 3		
Product size [2] Width W	20 to 160 mm		
Length L	58 to 320 mm		
Height H	5 to 50 mm	5 to 80 mm	5 to 100 mm
Belt speed	15 to 120 m/min		
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 200 VA, rush current 30 A (typ.) (20 ms or less)		
Mass	108 kg	108 kg	109 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing		
Protection class	IP30 compliance		
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)		
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)		

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

High Accuracy SSV-h   M5
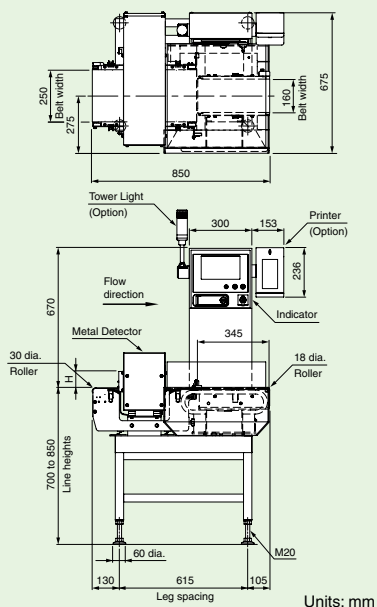
SSV-h series and M5 Metal Detector

KWS6006 type

Weighing range: 0.4 to 100 g

Maximum accurace(3σ): ±0.01 g

Maximum speed: 320 products/min

■ External Dimensions (with M5 series)

KWS6006BF□R
KWS6006BP□R

H	Model
50	KWS6006B△2R
80	KWS6006B△3R
120	KWS6006B△4R
150	KWS6006B△5R
180	KWS6006B△6R

Units: mm

■ Specifications

Model	KWS6006BF2R KWS6006BP2R	KWS6006BF3R KWS6006BP3R	KWS6006BF4R KWS6006BP4R	KWS6006BF5R KWS6006BP5R	KWS6006BF6R KWS6006BP6R
Weighing range	0.4 to 100 g				
Scale interval	0.001 g				
Maximum speed [1]	320 products/min				
Maximum accuracy (3σ) [1]	±0.01 g				
Display	8.5-inch color TFT LCD				
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range	100.45 g				
Preset memory	Maximum 200				
Classification	2 or 3				
Product size [2] — Width W	20 to 160 mm				
Product size [2] — Length L	58 to 320 mm				
Product size [2] — Height H	5 to 50 mm	5 to 80 mm	5 to 120 mm	5 to 150 mm	5 to 180 mm
Belt speed	15 to 120 m/min				
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 200 VA, rush current 30 A (typ.) (20 ms or less)				
Mass	109 kg	108 kg	111 kg	113 kg	114 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class	IP30 compliance				
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

High Accuracy SSV-h M6-h

SSV-h series and M6-h Metal Detector

SSV-h series

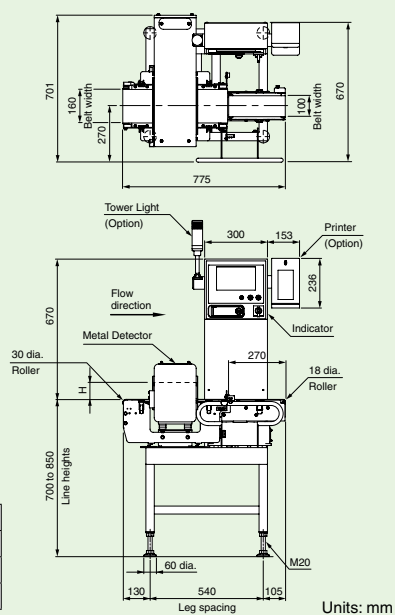SSV-i series

SSV-f series

KWS6203 type

Weighing range: 1.2 to 600 g

Maximum accurace(3σ): ±0.015 g

Maximum speed: 400 products/min

■ External Dimensions (with M6-h series)

KWS6203BF□G
KWS6203BP□G

H	Model
50	KWS6203B△2G
80	KWS6203B△3G
100	KWS6203B△4G

Tower Light (Option)
Printer (Option)
Flow direction
Metal Detector
Indicator
30 dia. Roller
18 dia. Roller
700 to 850 Line heights
60 dia.
M20
130 540 105
Leg spacing
Units: mm

701
160 Belt width
270
100 Belt width
670
775
300 153
236
270
670

■ Specifications

Model	KWS6203BF2G KWS6203BP2G	KWS6203BF3G KWS6203BP3G	KWS6203BF4G KWS6203BP4G
Weighing range	1.2 to 600 g		
Scale interval	0.01 g		
Maximum speed [1]	400 products/min		
Maximum accuracy (3σ) [1]	±0.015 g		
Display	8.5-inch color TFT LCD		
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)		
Indication range	600.9 g		
Preset memory	Maximum 200		
Classification	2 or 3		
Product size [2] Width W	20 to 100 mm		
Length L	58 to 230 mm		
Height H	5 to 50 mm	5 to 80 mm	5 to 100 mm
Belt speed	15 to 120 m/min		
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 200 VA, rush current 30 A (typ.) (20 ms or less)		
Mass	108 kg	108 kg	109 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing		
Protection class	IP30 compliance		
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)		
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)		

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

CE

High Accuracy SSV-h M5

SSV-h series and M5 Metal Detector
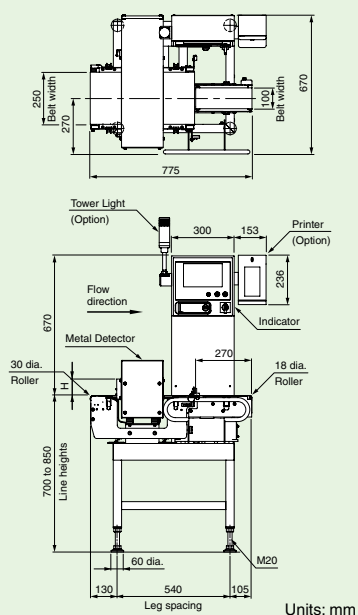
KWS6203 type

Weighing range: 1.2 to 600 g

Maximum accurace(3σ): ±0.015 g

Maximum speed: 400 products/min

■ External Dimensions (with M5 series)

KWS6203BF□R
KWS6203BP□R

H	Model
50	KWS6203B△2R
80	KWS6203B△3R
120	KWS6203B△4R
150	KWS6203B△5R
180	KWS6203B△6R

Units: mm

■ Specifications

Model		KWS6203BF2R KWS6203BP2R	KWS6203BF3R KWS6203BP3R	KWS6203BF4R KWS6203BP4R	KWS6203BF5R KWS6203BP5R	KWS6203BF6R KWS6203BP6R
Weighing range		1.2 to 600 g				
Scale interval		0.01 g				
Maximum speed [1]		400 products/min				
Maximum accuracy (3σ) [1]		±0.015 g				
Display		8.5-inch color TFT LCD				
Operation method		Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range		600.9 g				
Preset memory		Maximum 200				
Classification		2 or 3				
Product size [2]	Width W	20 to 100 mm				
	Length L	58 to 230 mm				
	Height H	5 to 50 mm	5 to 80 mm	5 to 120 mm	5 to 150 mm	5 to 180 mm
Belt speed		15 to 120 m/min				
Power requirements		100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 200 VA, rush current 30 A (typ.) (20 ms or less)				
Mass		109 kg	108 kg	111 kg	113 kg	114 kg
Environmental conditions		0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class		IP30 compliance				
Exterior		F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output		USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

High Accuracy   SSV-h   M6-h

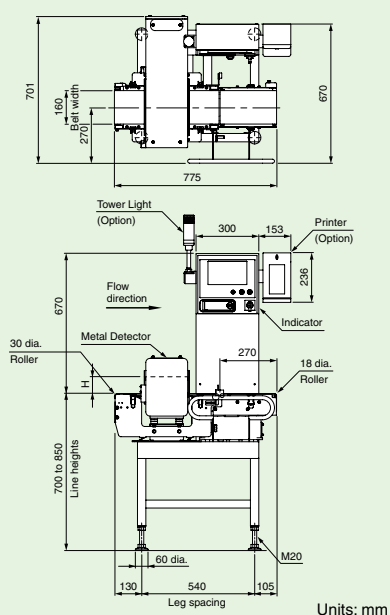## SSV-h series and M6-h Metal Detector

KWS6205 type

Weighing range: 1.2 to 600 g

Maximum accurace(3σ): ±0.015 g

Maximum speed: 400 products/min

■ External Dimensions (with M6-h series)

KWS6205BF□G
KWS6205BP□G

H	Model
50	KWS6205B△2G
80	KWS6205B△3G
100	KWS6205B△4G

Units: mm

■ Specifications

Model	KWS6205BF2G KWS6205BP2G	KWS6205BF3G KWS6205BP3G	KWS6205BF4G KWS6205BP4G
Weighing range	1.2 to 600 g		
Scale interval	0.01 g		
Maximum speed [1]	400 products/min		
Maximum accuracy (3σ) [1]	±0.015 g		
Display	8.5-inch color TFT LCD		
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)		
Indication range	600.9 g		
Preset memory	Maximum 200		
Classification	2 or 3		
Product size [2] Width W	20 to 160 mm		
Length L	58 to 230 mm		
Height H	5 to 50 mm	5 to 80 mm	5 to 100 mm
Belt speed	15 to 120 m/min		
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 200 VA, rush current 30 A (typ.) (20 ms or less)		
Mass	108 kg	108 kg	109 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing		
Protection class	IP30 compliance		
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)		
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)		

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

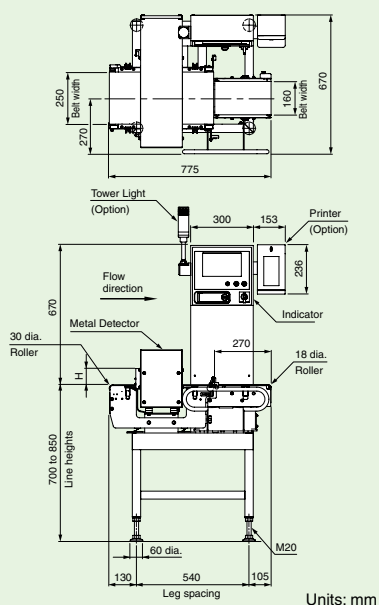# High Accuracy SSV-h M5

SSV-h series and M5 Metal Detector

SSV-h series
SSV-i series
SSV-f series

KWS6205 type

Weighing range: 1.2 to 600 g

Maximum accurace(3σ): ±0.015 g

Maximum speed: 400 products/min

■ External Dimensions (with M5 series)

KWS6205BF□R
KWS6205BP□R

H	Model
50	KWS6205B△2R
80	KWS6205B△3R
120	KWS6205B△4R
150	KWS6205B△5R
180	KWS6205B△6R

Units: mm

■ Specifications

Model	KWS6205BF2R KWS6205BP2R	KWS6205BF3R KWS6205BP3R	KWS6205BF4R KWS6205BP4R	KWS6205BF5R KWS6205BP5R	KWS6205BF6R KWS6205BP6R
Weighing range	1.2 to 600 g				
Scale interval	0.01 g				
Maximum speed [1]	400 products/min				
Maximum accuracy (3σ) [1]	±0.015 g				
Display	8.5-inch color TFT LCD				
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range	600.9 g				
Preset memory	Maximum 200				
Classification	2 or 3				
Product size [2] Width W	20 to 160 mm				
Product size [2] Length L	58 to 230 mm				
Product size [2] Height H	5 to 50 mm	5 to 80 mm	5 to 120 mm	5 to 150 mm	5 to 180 mm
Belt speed	15 to 120 m/min				
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 200 VA, rush current 30 A (typ.) (20 ms or less)				
Mass	109 kg	108 kg	111 kg	113 kg	114 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class	IP30 compliance				
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

High Accuracy SSV-h M6-h
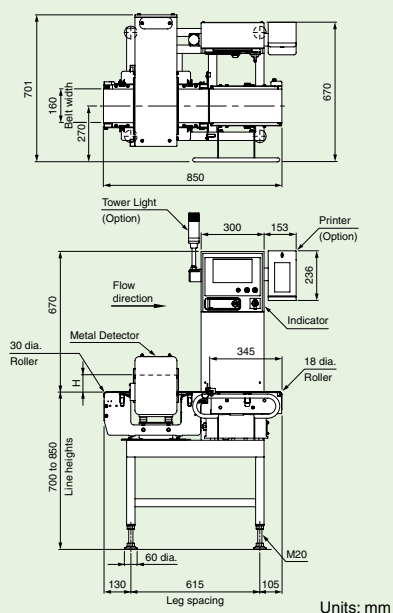
SSV-h series and M6-h Metal Detector

KWS6206 type

Weighing range： **1.2 to 600** g

Maximum accurace(3σ)： **±0.015** g

Maximum speed： **320** products/min

■ External Dimensions (with M6-h series)

KWS6206BF□G
KWS6206BP□G

H	Model
50	KWS6206B△2G
80	KWS6206B△3G
100	KWS6206B△4G

Units: mm

■ Specifications

Model	KWS6206BF2G KWS6206BP2G	KWS6206BF3G KWS6206BP3G	KWS6206BF4G KWS6206BP4G
Weighing range	1.2 to 600 g		
Scale interval	0.01 g		
Maximum speed [1]	320 products/min		
Maximum accuracy (3σ) [1]	±0.015 g		
Display	8.5-inch color TFT LCD		
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)		
Indication range	600.9 g		
Preset memory	Maximum 200		
Classification	2 or 3		
Product size [2] Width W	20 to 160 mm		
Length L	58 to 320 mm		
Height H	5 to 50 mm	5 to 80 mm	5 to 100 mm
Belt speed	15 to 120 m/min		
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 200 VA, rush current 30 A (typ.) (20 ms or less)		
Mass	108 kg	108 kg	109 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing		
Protection class	IP30 compliance		
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)		
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)		

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

High Accuracy SSV-h M5

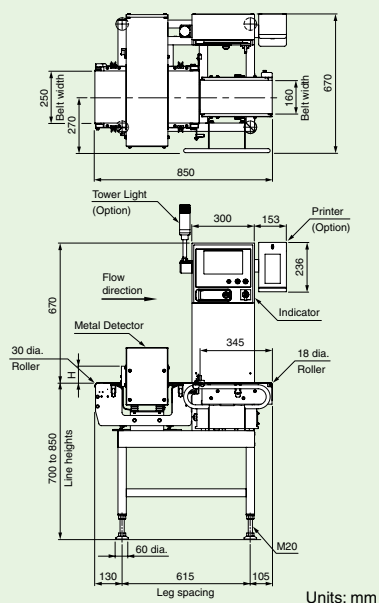## SSV-h series and M5 Metal Detector

KWS6206 type

Weighing range: **1.2 to 600** g

Maximum accurace(3σ): **±0.015** g

Maximum speed: **320** products/min

■ External Dimensions (with M5 series)

KWS6206BF□R
KWS6206BP□R

H	Model
50	KWS6206B△2R
80	KWS6206B△3R
120	KWS6206B△4R
150	KWS6206B△5R
180	KWS6206B△6R

Tower Light (Option)
Printer (Option)
Flow direction
Metal Detector
Indicator
Roller
Line heights
Leg spacing

Units: mm

■ Specifications

Model	KWS6206BF2R KWS6206BP2R	KWS6206BF3R KWS6206BP3R	KWS6206BF4R KWS6206BP4R	KWS6206BF5R KWS6206BP5R	KWS6206BF6R KWS6206BP6R
Weighing range	1.2 to 600 g				
Scale interval	0.01 g				
Maximum speed [1]	320 products/min				
Maximum accuracy (3σ) [1]	±0.015 g				
Display	8.5-inch color TFT LCD				
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range	600.9 g				
Preset memory	Maximum 200				
Classification	2 or 3				
Product size [2] Width W	20 to 160 mm				
Length L	58 to 320 mm				
Height H	5 to 50 mm	5 to 80 mm	5 to 120 mm	5 to 150 mm	5 to 180 mm
Belt speed	15 to 120 m/min				
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass	109 kg	108 kg	111 kg	113 kg	114 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class	IP30 compliance				
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

High Accuracy SSV-h M6-h
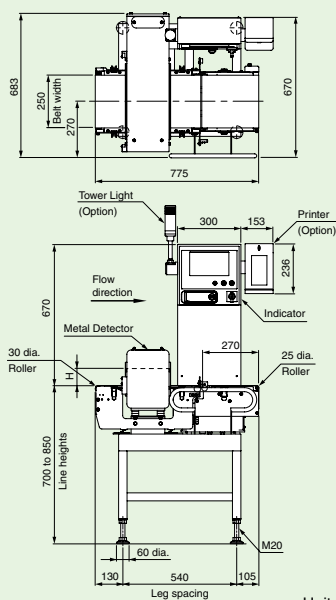
SSV-h series and M6-h Metal Detector

KWS6411 type

Weighing range: 6 to 3000 g

Maximum accurace(3σ): ±0.1 g

Maximum speed: 400 products/min

■ External Dimensions (with M6-h series)

KWS6411BF□G
KWS6411BP□G

H	Model
50	KWS6411B△2G
80	KWS6411B△3G
100	KWS6411B△4G
120	KWS6411B△5G
150	KWS6411B△7G
180	KWS6411B△8G

Units: mm

■ Specifications

Model	KWS6411BF2G KWS6411BP2G	KWS6411BF3G KWS6411BP3G	KWS6411BF4G KWS6411BP4G	KWS6411BF5G KWS6411BP5G	KWS6411BF7G KWS6411BP7G	KWS6411BF8G KWS6411BP8G
Weighing range	6 to 3000 g					
Scale interval	0.05 g					
Maximum speed [1]	400 products/min					
Maximum accuracy (3σ) [1]	±0.1 g					
Display	8.5-inch color TFT LCD					
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)					
Indication range	3004.5 g					
Preset memory	Maximum 200					
Classification	2 or 3					
Product size [2] — Width W	20 to 250 mm					
Product size [2] — Length L	65 to 230 mm					
Product size [2] — Height H	5 to 50 mm	5 to 80 mm	5 to 100 mm	5 to 120 mm	5 to 150 mm	5 to 180 mm
Belt speed	15 to 120 m/min					
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)					
Mass	115 kg	115 kg	116 kg	117 kg	119 kg	120 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing					
Protection class	IP30 compliance					
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)					
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)					

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

High Accuracy SSV-h M5
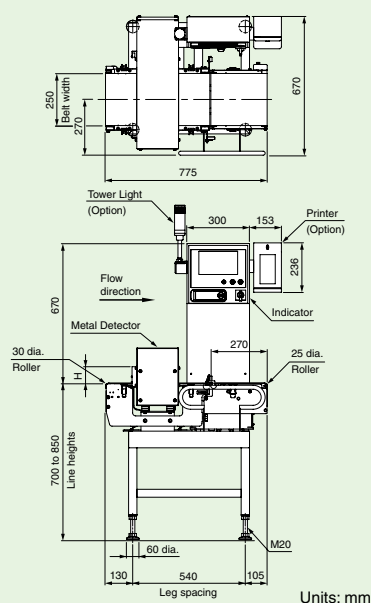
SSV-h series and M5 Metal Detector

KWS6411 type

Weighing range: 6 to 3000 g

Maximum accurace(3σ): ±0.1 g

Maximum speed: 400 products/min

■ External Dimensions (with M5 series)

KWS6411BF□R
KWS6411BP□R

H	Model
50	KWS6411B△2R
80	KWS6411B△3R
120	KWS6411B△4R
150	KWS6411B△5R
180	KWS6411B△6R

Tower Light (Option)
Printer (Option)
Flow direction
Metal Detector
Indicator
30 dia. Roller
25 dia. Roller
700 to 850 Line heights
Belt width
60 dia.
M20
130 540 105
Leg spacing

Units: mm

■ Specifications

Model	KWS6411BF2R KWS6411BP2R	KWS6411BF3R KWS6411BP3R	KWS6411BF4R KWS6411BP4R	KWS6411BF5R KWS6411BP5R	KWS6411BF6R KWS6411BP6R
Weighing range	6 to 3000 g				
Scale interval	0.05 g				
Maximum speed [1]	400 products/min				
Maximum accuracy (3σ) [1]	±0.1 g				
Display	8.5-inch color TFT LCD				
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range	3004.5 g				
Preset memory	Maximum 200				
Classification	2 or 3				
Product size [2]	Width W	20 to 250 mm				
	Length L	65 to 230 mm				
	Height H	5 to 50 mm	5 to 80 mm	5 to 120 mm	5 to 150 mm	5 to 180 mm
Belt speed	15 to 120 m/min				
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass	112 kg	111 kg	114 kg	116 kg	117 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class	IP30 compliance				
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

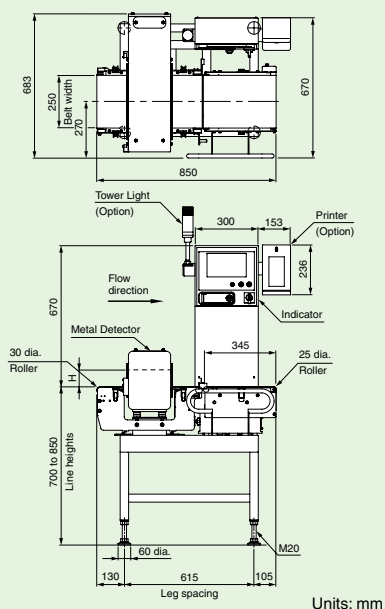# High Accuracy SSV-h M6-h

SSV-h series and M6-h Metal Detector

SSV-h series
SSV-i series
SSV-f series

KWS6412 type

Weighing range： 6 to 3000 g

Maximum accurace(3σ)： ±0.1 g

Maximum speed： 320 products/min

■ External Dimensions (with M6-h series)

KWS6412BF□G
KWS6412BP□G

H	Model
50	KWS6412B△2G
80	KWS6412B△3G
100	KWS6412B△4G
120	KWS6412B△5G
150	KWS6412B△7G
180	KWS6412B△8G

Units: mm

■ Specifications

Model	KWS6412BF2G KWS6412BP2G	KWS6412BF3G KWS6412BP3G	KWS6412BF4G KWS6412BP4G	KWS6412BF5G KWS6412BP5G	KWS6412BF7G KWS6412BP7G	KWS6412BF8G KWS6412BP8G
Weighing range	6 to 3000 g					
Scale interval	0.05 g					
Maximum speed [1]	320 products/min					
Maximum accuracy (3σ) [1]	±0.1 g					
Display	8.5-inch color TFT LCD					
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)					
Indication range	3004.5 g					
Preset memory	Maximum 200					
Classification	2 or 3					
Product size [2]	Width W	20 to 250 mm				
	Length L	65 to 320 mm				
	Height H	5 to 50 mm	5 to 80 mm	5 to 100 mm	5 to 120 mm	5 to 150 mm	5 to 180 mm
Belt speed	15 to 120 m/min					
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)					
Mass	116 kg	116 kg	117 kg	118 kg	120 kg	121 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing					
Protection class	IP30 compliance					
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)					
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)					

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

High Accuracy SSV-h M5
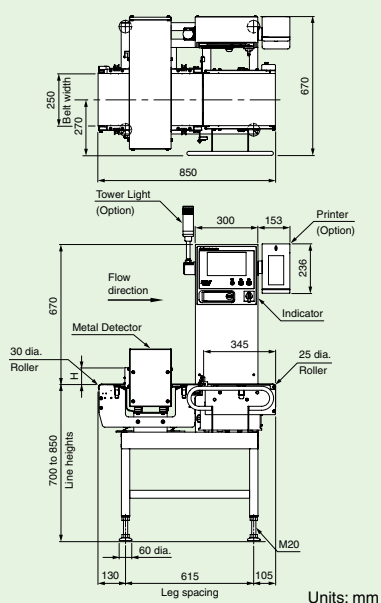
SSV-h series and M5 Metal Detector

KWS6412 type

Weighing range: 6 to 3000 g

Maximum accurace(3σ): ±0.1 g

Maximum speed: 320 products/min

■ External Dimensions (with M5 series)

KWS6412BF□R
KWS6412BP□R

Tower Light (Option)
Printer (Option)
Flow direction
Metal Detector
Indicator
30 dia. Roller
25 dia. Roller
60 dia.
Leg spacing
Units: mm

H	Model
50	KWS6412B△2R
80	KWS6412B△3R
120	KWS6412B△4R
150	KWS6412B△5R
180	KWS6412B△6R

■ Specifications

Model	KWS6412BF2R KWS6412BP2R	KWS6412BF3R KWS6412BP3R	KWS6412BF4R KWS6412BP4R	KWS6412BF5R KWS6412BP5R	KWS6412BF6R KWS6412BP6R
Weighing range	6 to 3000 g				
Scale interval	0.05 g				
Maximum speed [1]	320 products/min				
Maximum accuracy (3σ) [1]	±0.1 g				
Display	8.5-inch color TFT LCD				
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range	3004.5 g				
Preset memory	Maximum 200				
Classification	2 or 3				
Product size [2] Width W	20 to 250 mm				
Length L	65 to 320 mm				
Height H	5 to 50 mm	5 to 80 mm	5 to 120 mm	5 to 150 mm	5 to 180 mm
Belt speed	15 to 120 m/min				
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass	113 kg	112 kg	115 kg	117 kg	118 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class	IP30 compliance				
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

High Accuracy SSV-h M6-h

SSV-h series and M6-h Metal Detector
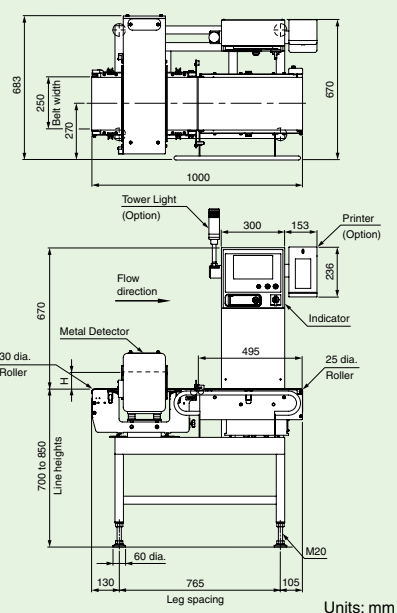
KWS6414 type

Weighing range: 6 to 3000 g

Maximum accurace(3σ): ±0.1 g

Maximum speed: 220 products/min

■ External Dimensions (with M6-h series)

KWS6414BF□G
KWS6414BP□G

H	Model
50	KWS6414B△2G
80	KWS6414B△3G
100	KWS6414B△4G
120	KWS6414B△5G
150	KWS6414B△7G
180	KWS6414B△8G

Units: mm

■ Specifications

Model		KWS6414BF2G KWS6414BP2G	KWS6414BF3G KWS6414BP3G	KWS6414BF4G KWS6414BP4G	KWS6414BF5G KWS6414BP5G	KWS6414BF7G KWS6414BP7G	KWS6414BF8G KWS6414BP8G
Weighing range		6 to 3000 g					
Scale interval		0.05 g					
Maximum speed [1]		220 products/min					
Maximum accuracy (3σ) [1]		±0.1 g					
Display		8.5-inch color TFT LCD					
Operation method		Touch panel (Start, Stop, and Home are direct push buttons)					
Indication range		3004.5 g					
Preset memory		Maximum 200					
Classification		2 or 3					
Product size [2]	Width W	20 to 250 mm					
	Length L	65 to 450 mm					
	Height H	5 to 50 mm	5 to 80 mm	5 to 100 mm	5 to 120 mm	5 to 150 mm	5 to 180 mm
Belt speed		15 to 120 m/min					
Power requirements		100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)					
Mass		117 kg	117 kg	118 kg	119 kg	121 kg	122 kg
Environmental conditions		0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing					
Protection class		IP30 compliance					
Exterior		F type: painted, P type: stainless steel (SUS304) (excluding some parts)					
Data output		USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)					

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

High Accuracy SSV-h   M5

SSV-h series and M5 Metal Detector

SSV-h series
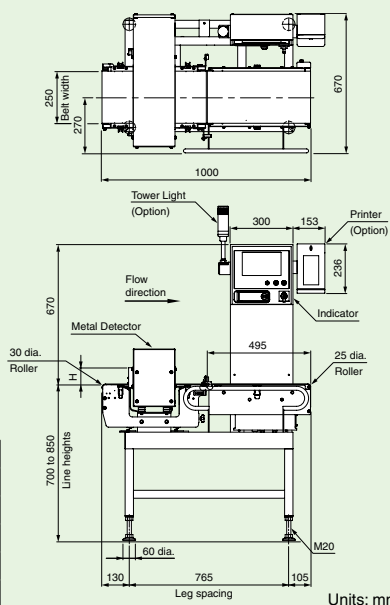SSV-i series
SSV-f series

KWS6414 type

Weighing range: 6 to 3000 g

Maximum accurace(3σ): ±0.1 g

Maximum speed: 220 products/min

■ External Dimensions (with M5 series)

KWS6414BF□R
KWS6414BP□R

Tower Light (Option)
Printer (Option)
Flow direction
Metal Detector
Indicator
30 dia. Roller
25 dia. Roller
Line heights 700 to 850
60 dia.
M20
Leg spacing

Units: mm

H	Model
50	KWS6414B△2R
80	KWS6414B△3R
120	KWS6414B△4R
150	KWS6414B△5R
180	KWS6414B△6R

■ Specifications

CE

Model	KWS6414BF2R KWS6414BP2R	KWS6414BF3R KWS6414BP3R	KWS6414BF4R KWS6414BP4R	KWS6414BF5R KWS6414BP5R	KWS6414BF6R KWS6414BP6R
Weighing range	6 to 3000 g				
Scale interval	0.05 g				
Maximum speed [1]	220 products/min				
Maximum accuracy (3σ) [1]	±0.1 g				
Display	8.5-inch color TFT LCD				
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range	3004.5 g				
Preset memory	Maximum 200				
Classification	2 or 3				
Product size [2] Width W	20 to 250 mm				
Length L	65 to 450 mm				
Height H	5 to 50 mm	5 to 80 mm	5 to 120 mm	5 to 150 mm	5 to 180 mm
Belt speed	15 to 120 m/min				
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass	114 kg	113 kg	116 kg	118 kg	119 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class	IP30 compliance				
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

High Accuracy `SSV-h` `M6-h`

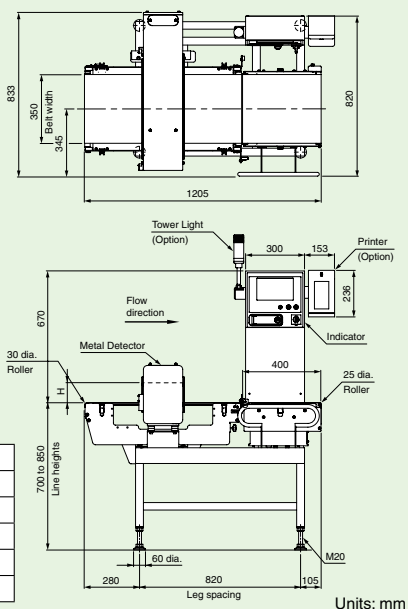## SSV-h series and M6-h Metal Detector

KWS6416 type

Weighing range：6 to 3000 g

Maximum accurace(3σ)：±0.1 g

Maximum speed：210 products/min

■ External Dimensions (with M6-h series)

KWS6416BF□G
KWS6416BP□G

H	Model
50	KWS6416B△2G
100	KWS6416B△4G
130	KWS6416B△6G
150	KWS6416B△7G
180	KWS6416B△8G

Tower Light (Option)
Printer (Option)
Flow direction
Metal Detector
30 dia. Roller
25 dia. Roller
Indicator
60 dia.
Leg spacing
M20

Units: mm

■ Specifications

Model	KWS6416BF2G KWS6416BP2G	KWS6416BF4G KWS6416BP4G	KWS6416BF6G KWS6416BP6G	KWS6416BF7G KWS6416BP7G	KWS6416BF8G KWS6416BP8G
Weighing range	6 to 3000 g				
Scale interval	0.05 g				
Maximum speed [1]	210 products/min				
Maximum accuracy (3σ) [1]	±0.1 g				
Display	8.5-inch color TFT LCD				
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range	3004.5 g				
Preset memory	Maximum 200				
Classification	2 or 3				
Product size [2] — Width W	20 to 350 mm				
Length L	65 to 350 mm				
Height H	5 to 50 mm	5 to 100 mm	5 to 130 mm	5 to 150 mm	5 to 180 mm
Belt speed	15 to 91 m/min				
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass	146 kg	148 kg	152 kg	154 kg	156 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class	IP30 compliance				
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

High Accuracy SSV-h M5
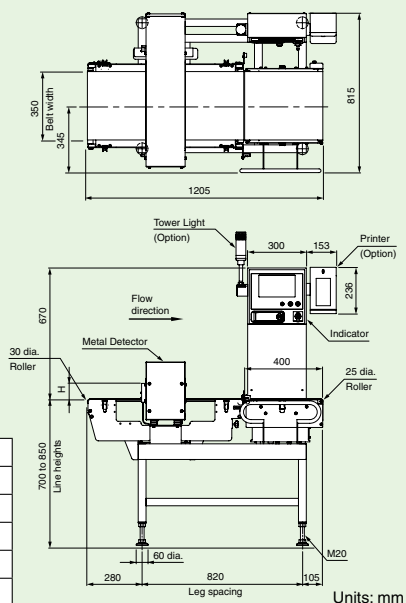
SSV-h series and M5 Metal Detector

KWS6416 type

Weighing range: 6 to 3000 g

Maximum accurace(3σ): ±0.1 g

Maximum speed: 210 products/min

■ External Dimensions (with M5 series)

KWS6416BF□R
KWS6416BP□R

H	Model
50	KWS6416B△2R
100	KWS6416B△3R
130	KWS6416B△4R
150	KWS6416B△5R
180	KWS6416B△6R

Units: mm

■ Specifications

Model		KWS6416BF2R KWS6416BP2R	KWS6416BF3R KWS6416BP3R	KWS6416BF4R KWS6416BP4R	KWS6416BF5R KWS6416BP5R	KWS6416BF6R KWS6416BP6R
Weighing range		6 to 3000 g				
Scale interval		0.05 g				
Maximum speed [1]		210 products/min				
Maximum accuracy (3σ) [1]		±0.1 g				
Display		8.5-inch color TFT LCD				
Operation method		Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range		3004.5 g				
Preset memory		Maximum 200				
Classification		2 or 3				
Product size [2]	Width W	20 to 350 mm				
	Length L	65 to 350 mm				
	Height H	5 to 50 mm	5 to 100 mm	5 to 130 mm	5 to 150 mm	5 to 180 mm
Belt speed		15 to 91 m/min				
Power requirements		100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass		142 kg	143 kg	144 kg	146 kg	147 kg
Environmental conditions		0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class		IP30 compliance				
Exterior		F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output		USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

High Accuracy SSV-h M6-h

SSV-h series and M6-h Metal Detector

SSV-h series

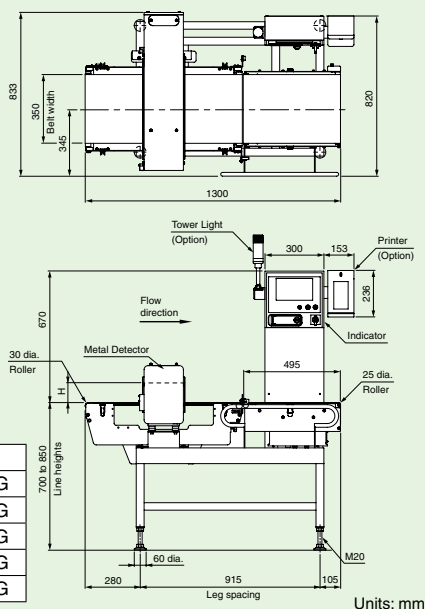**SSV-i** series

SSV-f series

KWS6417 type

Weighing range: 6 to 3000 g

Maximum accurace(3σ): ±0.1 g

Maximum speed: 170 products/min

■ External Dimensions (with M6-h series)

KWS6417BF□G
KWS6417BP□G

H	Model
50	KWS6417B△2G
100	KWS6417B△4G
130	KWS6417B△6G
150	KWS6417B△7G
180	KWS6417B△8G

Units: mm

CE

■ Specifications

Model		KWS6417BF2G KWS6417BP2G	KWS6417BF4G KWS6417BP4G	KWS6417BF6G KWS6417BP6G	KWS6417BF7G KWS6417BP7G	KWS6417BF8G KWS6417BP8G
Weighing range		6 to 3000 g				
Scale interval		0.05 g				
Maximum speed [1]		170 products/min				
Maximum accuracy (3σ) [1]		±0.1 g				
Display		8.5-inch color TFT LCD				
Operation method		Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range		3004.5 g				
Preset memory		Maximum 200				
Classification		2 or 3				
Product size [2]	Width　W	20 to 350 mm				
	Length　L	65 to 450 mm				
	Height　H	5 to 50 mm	5 to 100 mm	5 to 130 mm	5 to 150 mm	5 to 180 mm
Belt speed		15 to 91 m/min				
Power requirements		100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass		150 kg	152 kg	156 kg	158 kg	160 kg
Environmental conditions		0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class		IP30 compliance				
Exterior		F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output		USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

High Accuracy SSV-h M5
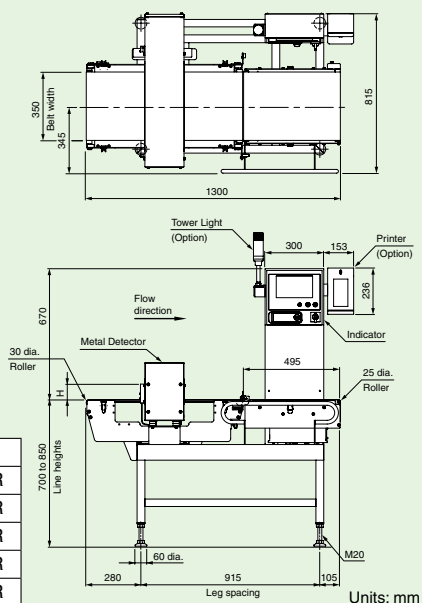
SSV-h series and M5 Metal Detector

KWS6417 type

Weighing range: 6 to 3000 g

Maximum accurace(3σ): ±0.1 g

Maximum speed: 170 products/min

■ External Dimensions (with M5 series)

KWS6417BF□R
KWS6417BP□R

Tower Light (Option)
Printer (Option)
Flow direction
Metal Detector
30 dia. Roller
25 dia. Roller
Indicator
M20
60 dia.
Leg spacing
Units: mm

350
Belt width
345
815
1300
670
300
153
236
495
700 to 850 Line heights
280
915
105

H	Model
50	KWS6417B△2R
100	KWS6417B△3R
130	KWS6417B△4R
150	KWS6417B△5R
180	KWS6417B△6R

■ Specifications

Model	KWS6417BF2R KWS6417BP2R	KWS6417BF3R KWS6417BP3R	KWS6417BF4R KWS6417BP4R	KWS6417BF5R KWS6417BP5R	KWS6417BF6R KWS6417BP6R
Weighing range	6 to 3000 g				
Scale interval	0.05 g				
Maximum speed [1]	170 products/min				
Maximum accuracy (3σ) [1]	±0.1 g				
Display	8.5-inch color TFT LCD				
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range	3004.5 g				
Preset memory	Maximum 200				
Classification	2 or 3				
Product size [2]	Width W	20 to 350 mm			
	Length L	65 to 450 mm			
	Height H	5 to 50 mm	5 to 100 mm	5 to 130 mm	5 to 150 mm	5 to 180 mm
Belt speed	15 to 91 m/min				
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass	146 kg	147 kg	148 kg	150 kg	151 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class	IP30 compliance				
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Waterproof SSV-i M6-h
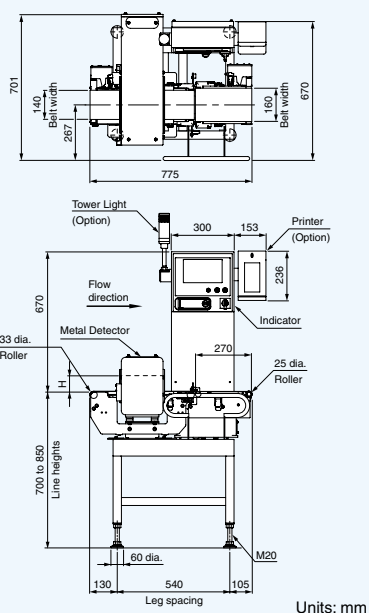
SSV-i series and M6-h Metal Detector

KWS6265 type

Weighing range: 6 to 600 g

Maximum accurace(3σ): ±0.1 g

Maximum speed: 280 products/min

■ External Dimensions (with M6-h series)

KWS6265BW□G

H	Model
45	KWS6265BW2G
75	KWS6265BW3G
95	KWS6265BW4G

Units: mm

■ Specifications

Model		KWS6265BW2G	KWS6265BW3G	KWS6265BW4G
Weighing range		6 to 600 g		
Scale interval		0.01 g		
Maximum speed [1]		280 products/min		
Maximum accuracy (3σ) [1]		±0.1 g		
Display		8.5-inch color TFT LCD		
Operation method		Touch panel (Start, Stop, and Home are direct push buttons)		
Indication range		601.8 g		
Preset memory		Maximum 200		
Classification		2 or 3		
Product size [2]	Width W	20 to 160 mm		
	Length L	68 to 200 mm		
	Height H	5 to 45 mm	5 to 75 mm	5 to 95 mm
Belt speed		9 to 82 m/min		
Power requirements		100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)		
Mass		116 kg	116 kg	117 kg
Environmental conditions		0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing		
Protection class		IP66 compliance		
Exterior		Stainless steel (SUS304)		
Data output		USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)		

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Waterproof SSV-i M5
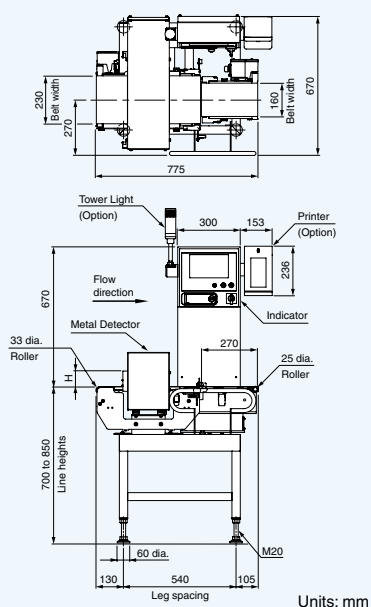
SSV-i series and M5 Metal Detector

KWS6265 type

Weighing range: 6 to 600 g

Maximum accurace(3σ): ±0.1 g

Maximum speed: 280 products/min

■ External Dimensions (with M5 series)

KWS6265BW□R

H	Model
45	KWS6265BW2R
75	KWS6265BW3R
115	KWS6265BW4R
145	KWS6265BW5R
175	KWS6265BW6R

Units: mm

■ Specifications

Model		KWS6265BW2R	KWS6265BW3R	KWS6265BW4R	KWS6265BW5R	KWS6265BW6R
Weighing range		6 to 600 g				
Scale interval		0.01 g				
Maximum speed [1]		280 products/min				
Maximum accuracy (3σ) [1]		±0.1 g				
Display		8.5-inch color TFT LCD				
Operation method		Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range		601.8 g				
Preset memory		Maximum 200				
Classification		2 or 3				
Product size [2]	Width W	20 to 160 mm				
	Length L	68 to 200 mm				
	Height H	5 to 45 mm	5 to 75 mm	5 to 115 mm	5 to 145 mm	5 to 175 mm
Belt speed		9 to 82 m/min				
Power requirements		100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass		117 kg	116 kg	119 kg	121 kg	122 kg
Environmental conditions		0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class		IP66 compliance				
Exterior		Stainless steel (SUS304)				
Data output		USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Waterproof SSV-i M6-h

SSV-i series and M6-h Metal Detector

KWS6366 type
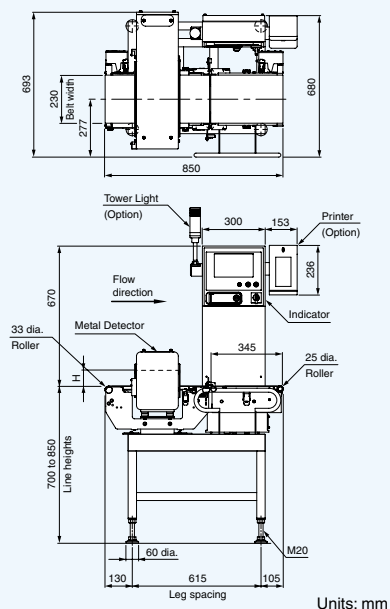
Weighing range: **12 to 1200** g

Maximum accurace(3σ): **±0.1** g

Maximum speed: **220** products/min

■ External Dimensions (with M6-h series)

KWS6366BW□G

H	Model
45	KWS6366BW2G
75	KWS6366BW3G
95	KWS6366BW4G
115	KWS6366BW5G
145	KWS6366BW7G
175	KWS6366BW8G

Units: mm

■ Specifications

Model		KWS6366BW2G	KWS6366BW3G	KWS6366BW4G	KWS6366BW5G	KWS6366BW7G	KWS6366BW8G
Weighing range		12 to 1200 g					
Scale interval		0.02 g					
Maximum speed [1]		220 products/min					
Maximum accuracy (3σ) [1]		±0.1 g					
Display		8.5-inch color TFT LCD					
Operation method		Touch panel (Start, Stop, and Home are direct push buttons)					
Indication range		1201.8 g					
Preset memory		Maximum 200					
Classification		2 or 3					
Product size [2]	Width W	20 to 230 mm					
	Length L	68 to 320 mm					
	Height H	5 to 45 mm	5 to 75 mm	5 to 95 mm	5 to 115 mm	5 to 145 mm	5 to 175 mm
Belt speed		9 to 82 m/min					
Power requirements		100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)					
Mass		121 kg	121 kg	122 kg	123 kg	125 kg	126 kg
Environmental conditions		0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing					
Protection class		IP66 compliance					
Exterior		Stainless steel (SUS304)					
Data output		USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)					

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Waterproof SSV-i M5
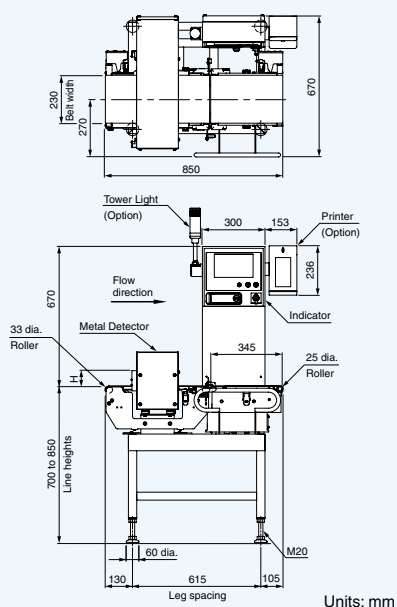
SSV-i series and M5 Metal Detector

KWS6366 type

Weighing range：12 to 1200 g

Maximum accurace(3σ)：±0.1 g

Maximum speed：220 products/min

■ External Dimensions (with M5 series)

KWS6366BW□R

H	Model
45	KWS6366BW2R
75	KWS6366BW3R
115	KWS6366BW4R
145	KWS6366BW5R
175	KWS6366BW6R

Units: mm

■ Specifications

Model		KWS6366BW2R	KWS6366BW3R	KWS6366BW4R	KWS6366BW5R	KWS6366BW6R
Weighing range		12 to 1200 g				
Scale interval		0.02 g				
Maximum speed [1]		220 products/min				
Maximum accuracy (3σ) [1]		±0.1 g				
Display		8.5-inch color TFT LCD				
Operation method		Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range		1201.8 g				
Preset memory		Maximum 200				
Classification		2 or 3				
Product size [2]	Width W	20 to 230 mm				
	Length L	68 to 320 mm				
	Height H	5 to 45 mm	5 to 75 mm	5 to 115 mm	5 to 145 mm	5 to 175 mm
Belt speed		9 to 82 m/min				
Power requirements		100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass		118 kg	117 kg	120 kg	122 kg	123 kg
Environmental conditions		0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class		IP66 compliance				
Exterior		Stainless steel (SUS304)				
Data output		USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Waterproof SSV-i M6-h
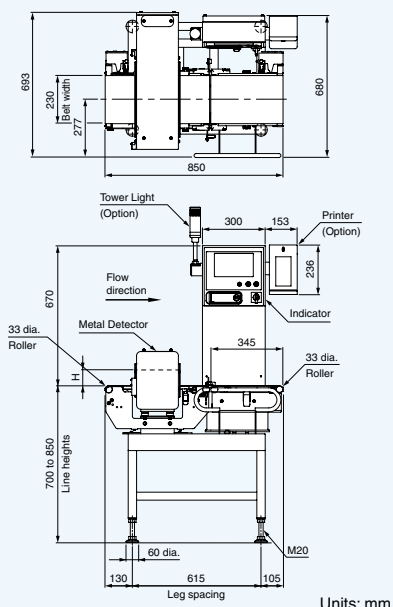
SSV-i series and M6-h Metal Detector

KWS6472 type

Weighing range: 30 to 3000 g [30 to 1200 g]

Maximum accurace(3σ): ±0.1 g

Maximum speed: 160 [220] products/min

■ External Dimensions (with M6-h series)

KWS6472BW□G

H	Model
45	KWS6472BW2G
75	KWS6472BW3G
95	KWS6472BW4G
115	KWS6472BW5G
145	KWS6472BW7G
175	KWS6472BW8G

Units: mm

■ Specifications

Model		KWS6472BW2G	KWS6472BW3G	KWS6472BW4G	KWS6472BW5G	KWS6472BW7G	KWS6472BW8G
Weighing range		30 to 3000 g [30 to 1200 g] [3]					
Scale interval		0.05 g [0.02 g] [3]					
Maximum speed [1]		160 [220] products/min [3]					
Maximum accuracy (3σ) [1]		±0.1 g					
Display		8.5-inch color TFT LCD					
Operation method		Touch panel (Start, Stop, and Home are direct push buttons)					
Indication range		3004.5 g [1201.8 g] [3]					
Preset memory		Maximum 200					
Classification		2 or 3					
Product size [2]	Width　　W	20 to 230 mm					
	Length　　L	76 to 320 mm					
	Height　　H	5 to 45 mm	5 to 75 mm	5 to 95 mm	5 to 115 mm	5 to 145 mm	5 to 175 mm
Belt speed		7 to 60 [9 to 82] m/min [3]					
Power requirements		100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)					
Mass		122 kg	122 kg	123 kg	124 kg	126 kg	127 kg
Environmental conditions		0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing					
Protection class		IP66 compliance					
Exterior		Stainless steel (SUS304)					
Data output		USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)					

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
3: [　] are optional. The maximum weighing range varies according to the operating environment.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Waterproof SSV-i M5
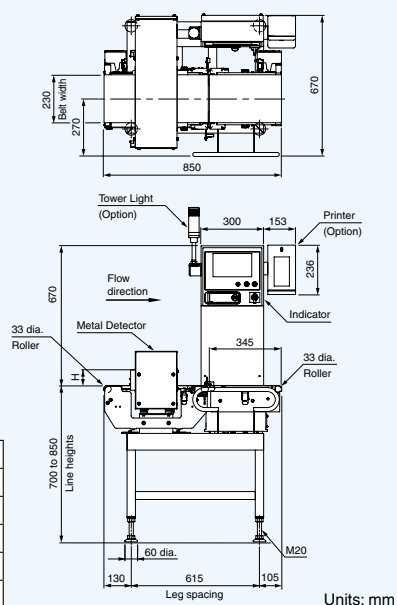
SSV-i series and M5 Metal Detector

KWS6472 type

Weighing range：30 to 3000 g [30 to 1200 g]

Maximum accurace(3σ)：±0.1 g

Maximum speed：160 [220] products/min

SSV-h series
SSV-i series
SSV-f series

■ External Dimensions (with M5 series)

KWS6472BW□R

H	Model
45	KWS6472BW2R
75	KWS6472BW3R
115	KWS6472BW4R
145	KWS6472BW5R
175	KWS6472BW6R

Tower Light (Option)
Printer (Option)
Flow direction
Metal Detector
Indicator
33 dia. Roller
33 dia. Roller
Line heights 700 to 850
Leg spacing
M20
60 dia.
Units: mm

■ Specifications

Model	KWS6472BW2R	KWS6472BW3R	KWS6472BW4R	KWS6472BW5R	KWS6472BW6R
Weighing range	30 to 3000 g [30 to 1200 g] [3]				
Scale interval	0.05 g [0.02 g] [3]				
Maximum speed [1]	160 [220] products/min [3]				
Maximum accuracy (3σ) [1]	±0.1 g				
Display	8.5-inch color TFT LCD				
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range	3004.5 g [1201.8 g] [3]				
Preset memory	Maximum 200				
Classification	2 or 3				
Product size [2]	Width W	20 to 230 mm				
	Length L	76 to 320 mm				
	Height H	5 to 45 mm	5 to 75 mm	5 to 115 mm	5 to 145 mm	5 to 175 mm
Belt speed	7 to 60 [9 to 82] m/min [3]				
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass	119 kg	118 kg	121 kg	123 kg	124 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class	IP66 compliance				
Exterior	Stainless steel (SUS304)				
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
3: [   ] are optional. The maximum weighing range varies according to the operating environment.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Waterproof SSV-i M6-h
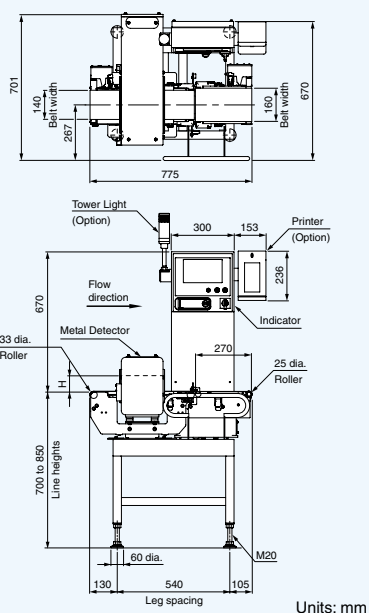
SSV-i series and M6-h Metal Detector

KWS5265 type

Weighing range: 6 to 600 g

Maximum accurace(3σ): ±0.2 g

Maximum speed: 280 products/min

■ External Dimensions (with M6-h series)

KWS5265BW□G

H	Model
45	KWS5265BW2G
75	KWS5265BW3G
95	KWS5265BW4G

Units: mm

■ Specifications

Model	KWS5265BW2G	KWS5265BW3G	KWS5265BW4G
Weighing range	6 to 600 g		
Scale interval	0.05 g		
Maximum speed [1]	280 products/min		
Maximum accuracy (3σ) [1]	±0.2 g		
Display	8.5-inch color TFT LCD		
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)		
Indication range	604.5 g		
Preset memory	Maximum 200		
Classification	2 or 3		
Product size [2] Width W	20 to 160 mm		
Product size [2] Length L	68 to 200 mm		
Product size [2] Height H	5 to 45 mm	5 to 75 mm	5 to 95 mm
Belt speed	9 to 82 m/min		
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)		
Mass	115 kg	115 kg	116 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing		
Protection class	IP66 compliance		
Exterior	Stainless steel (SUS304)		
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)		

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Waterproof `SSV-i` `M5`
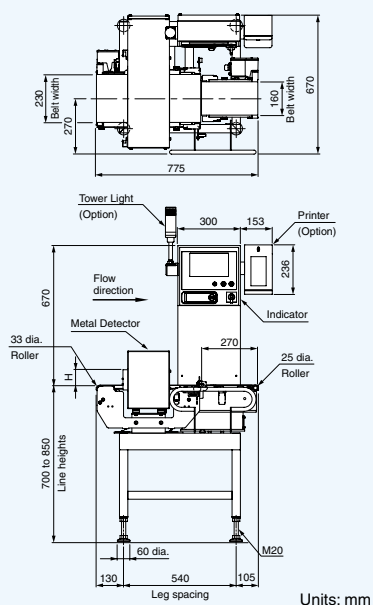
SSV-i series and M5 Metal Detector

KWS5265 type

Weighing range: 6 to 600 g

Maximum accurace(3σ): ±0.2 g

Maximum speed: 280 products/min

■ External Dimensions (with M5 series)

KWS5265BW□R

H	Model
45	KWS5265BW2R
75	KWS5265BW3R
115	KWS5265BW4R
145	KWS5265BW5R
175	KWS5265BW6R

Units: mm

SSV-h series
SSV-i series
SSV-f series

■ Specifications

Model		KWS5265BW2R	KWS5265BW3R	KWS5265BW4R	KWS5265BW5R	KWS5265BW6R
Weighing range		6 to 600 g				
Scale interval		0.05 g				
Maximum speed [1]		280 products/min				
Maximum accuracy (3σ) [1]		±0.2 g				
Display		8.5-inch color TFT LCD				
Operation method		Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range		604.5 g				
Preset memory		Maximum 200				
Classification		2 or 3				
Product size [2]	Width W	20 to 160 mm				
	Length L	68 to 200 mm				
	Height H	5 to 45 mm	5 to 75 mm	5 to 115 mm	5 to 145 mm	5 to 175 mm
Belt speed		9 to 82 m/min				
Power requirements		100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass		116 kg	115 kg	118 kg	120 kg	121 kg
Environmental conditions		0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class		IP66 compliance				
Exterior		Stainless steel (SUS304)				
Data output		USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Waterproof SSV-i M6-h
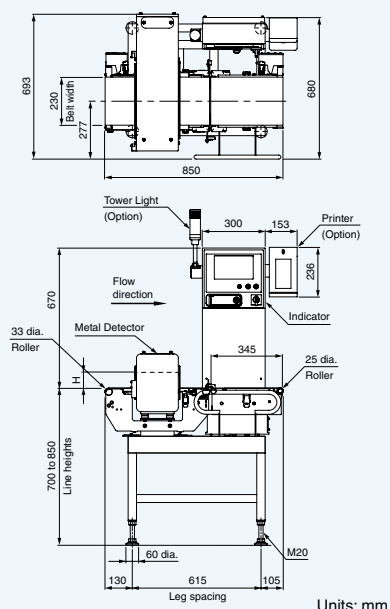
SSV-i series and M6-h Metal Detector

KWS5366 type

Weighing range: **12 to 1200** g

Maximum accurace(3σ): **±0.2** g

Maximum speed: **220** products/min

■ External Dimensions (with M6-h series)

KWS5366BW□G

H	Model
45	KWS5366BW2G
75	KWS5366BW3G
95	KWS5366BW4G
115	KWS5366BW5G
145	KWS5366BW7G
175	KWS5366BW8G

Units: mm

■ Specifications

Model	KWS5366BW2G	KWS5366BW3G	KWS5366BW4G	KWS5366BW5G	KWS5366BW7G	KWS5366BW8G
Weighing range	12 to 1200 g					
Scale interval	0.05 g					
Maximum speed [1]	220 products/min					
Maximum accuracy (3σ) [1]	±0.2 g					
Display	8.5-inch color TFT LCD					
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)					
Indication range	1204.5 g					
Preset memory	Maximum 200					
Classification	2 or 3					
Product size [2]	Width W	20 to 230 mm				
	Length L	68 to 320 mm				
	Height H	5 to 45 mm	5 to 75 mm	5 to 95 mm	5 to 115 mm	5 to 145 mm	5 to 175 mm
Belt speed	9 to 82 m/min					
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)					
Mass	120 kg	120 kg	121 kg	122 kg	124 kg	125 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing					
Protection class	IP66 compliance					
Exterior	Stainless steel (SUS304)					
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)					

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Waterproof SSV-i M5
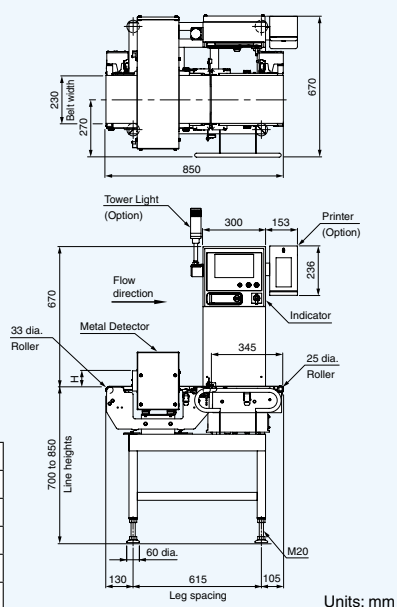
SSV-i series and M5 Metal Detector

KWS5366 type

Weighing range: **12 to 1200** g

Maximum accurace(3σ): **±0.2** g

Maximum speed: **220** products/min

■ External Dimensions (with M5 series)

KWS5366BW□R

H	Model
45	KWS5366BW2R
75	KWS5366BW3R
115	KWS5366BW4R
145	KWS5366BW5R
175	KWS5366BW6R

Units: mm

■ Specifications

Model		KWS5366BW2R	KWS5366BW3R	KWS5366BW4R	KWS5366BW5R	KWS5366BW6R
Weighing range		12 to 1200 g				
Scale interval		0.05 g				
Maximum speed [1]		220 products/min				
Maximum accuracy (3σ) [1]		±0.2 g				
Display		8.5-inch color TFT LCD				
Operation method		Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range		1204.5 g				
Preset memory		Maximum 200				
Classification		2 or 3				
Product size [2]	Width W	20 to 230 mm				
	Length L	68 to 320 mm				
	Height H	5 to 45 mm	5 to 75 mm	5 to 115 mm	5 to 145 mm	5 to 175 mm
Belt speed		9 to 82 m/min				
Power requirements		100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass		118 kg	117 kg	120 kg	122 kg	123 kg
Environmental conditions		0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class		IP66 compliance				
Exterior		Stainless steel (SUS304)				
Data output		USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Waterproof SSV-i M6-h
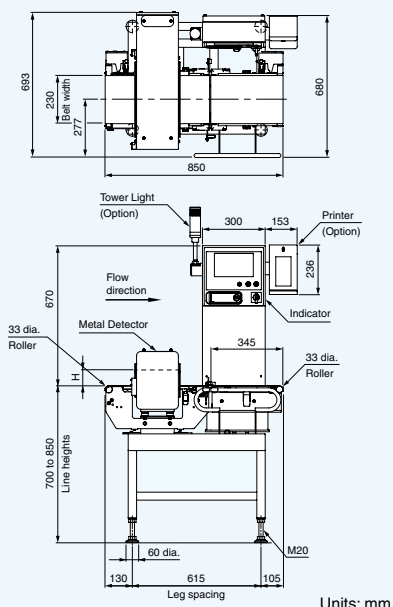
SSV-i series and M6-h Metal Detector

KWS5472 type

Weighing range: 30 to 3000 g [30 to 1200 g]

Maximum accurace(3σ): ±0.5 g

Maximum speed: 160 [220] products/min

■ External Dimensions (with M6-h series)

KWS5472BW□G

H	Model
45	KWS5472BW2G
75	KWS5472BW3G
95	KWS5472BW4G
115	KWS5472BW5G
145	KWS5472BW7G
175	KWS5472BW8G

Units: mm

■ Specifications

Model		KWS5472BW2G	KWS5472BW3G	KWS5472BW4G	KWS5472BW5G	KWS5472BW7G	KWS5472BW8G
Weighing range		30 to 3000 g [30 to 1200 g] [3]					
Scale interval		0.1 g [0.05 g] [3]					
Maximum speed [1]		160 [220] products/min [3]					
Maximum accuracy (3σ) [1]		±0.5 g					
Display		8.5-inch color TFT LCD					
Operation method		Touch panel (Start, Stop, and Home are direct push buttons)					
Indication range		3009 g [1204.5 g] [3]					
Preset memory		Maximum 200					
Classification		2 or 3					
Product size [2]	Width W	20 to 230 mm					
	Length L	76 to 320 mm					
	Height H	5 to 45 mm	5 to 75 mm	5 to 95 mm	5 to 115 mm	5 to 145 mm	5 to 175 mm
Belt speed		7 to 60 [9 to 82] m/min [3]					
Power requirements		100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)					
Mass		121 kg	121 kg	122 kg	123 kg	125 kg	126 kg
Environmental conditions		0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing					
Protection class		IP66 compliance					
Exterior		Stainless steel (SUS304)					
Data output		USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)					

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
3: [   ] are optional. The maximum weighing range varies according to the operating environment.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Waterproof SSV-i M5
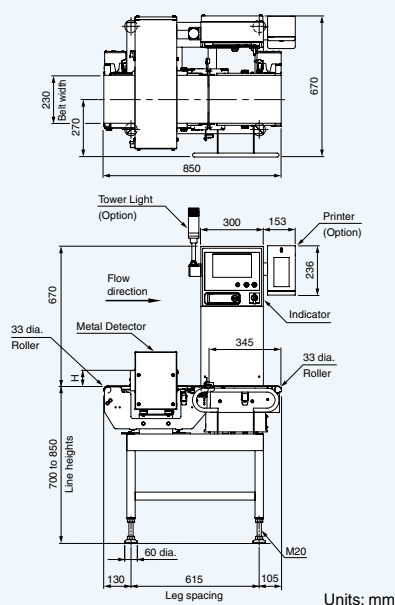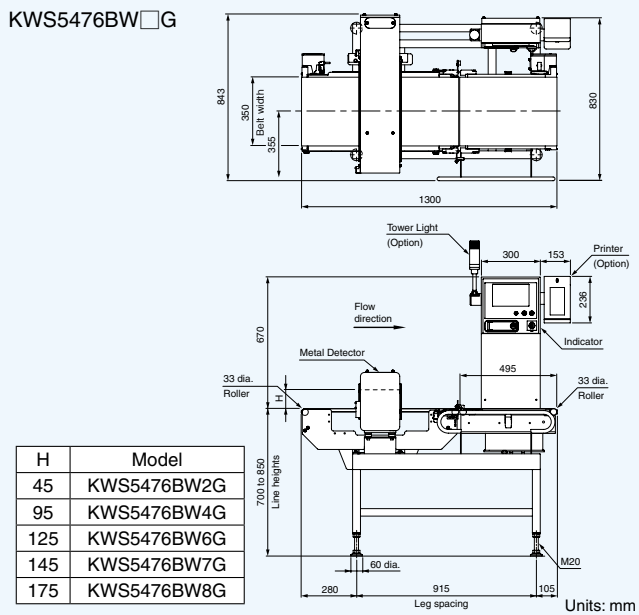
SSV-i series and M5 Metal Detector

KWS5472 type

Weighing range: 30 to 3000 g [30 to 1200 g]

Maximum accurace(3σ): ±0.5 g

Maximum speed: 160 [220] products/min

■ External Dimensions (with M5 series)

KWS5472BW□R

H	Model
45	KWS5472BW2R
75	KWS5472BW3R
115	KWS5472BW4R
145	KWS5472BW5R
175	KWS5472BW6R

Units: mm

■ Specifications

Model		KWS5472BW2R	KWS5472BW3R	KWS5472BW4R	KWS5472BW5R	KWS5472BW6R
Weighing range		30 to 3000 g [30 to 1200 g] [3]				
Scale interval		0.1 g [0.05 g] [3]				
Maximum speed [1]		160 [220] products/min [3]				
Maximum accuracy (3σ) [1]		±0.5 g				
Display		8.5-inch color TFT LCD				
Operation method		Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range		3009 g [1204.5 g] [3]				
Preset memory		Maximum 200				
Classification		2 or 3				
Product size [2]	Width　W	20 to 230 mm				
	Length　L	76 to 320 mm				
	Height　H	5 to 45 mm	5 to 75 mm	5 to 115 mm	5 to 145 mm	5 to 175 mm
Belt speed		7 to 60 [9 to 82] m/min [3]				
Power requirements		100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass		118 kg	117 kg	120 kg	122 kg	123 kg
Environmental conditions		0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class		IP66 compliance				
Exterior		Stainless steel (SUS304)				
Data output		USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
3: [ ] are optional. The maximum weighing range varies according to the operating environment.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

SSV-h series
SSV-i series
SSV-f series

Waterproof SSV-i M6-h

SSV-i series and M6-h Metal Detector

SSV-h series
SSV-i series
SSV-f series

KWS5476 type

Weighing range: 30 to 3000 g [30 to 1200 g]

Maximum accurace(3σ): ±0.5 g

Maximum speed: 120 [155] products/min

■ External Dimensions (with M6-h series)

KWS5476BW□G

H	Model
45	KWS5476BW2G
95	KWS5476BW4G
125	KWS5476BW6G
145	KWS5476BW7G
175	KWS5476BW8G

Units: mm

■ Specifications

CE

Model	KWS5476BW2G	KWS5476BW4G	KWS5476BW6G	KWS5476BW7G	KWS5476BW8G
Weighing range	30 to 3000 g [30 to 1200 g] [3]				
Scale interval	0.1 g [0.05 g] [3]				
Maximum speed [1]	120 [155] products/min [3]				
Maximum accuracy (3σ) [1]	±0.5 g				
Display	8.5-inch color TFT LCD				
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range	3009 g [1204.5 g] [3]				
Preset memory	Maximum 200				
Classification	2 or 3				
Product size [2]	Width W	20 to 350 mm			
	Length L	76 to 450 mm			
	Height H	5 to 45 mm	5 to 95 mm	5 to 125 mm	5 to 145 mm	5 to 175 mm
Belt speed	7 to 65 [9 to 83] m/min [3]				
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass	153 kg	155 kg	159 kg	161 kg	163 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class	IP66 compliance				
Exterior	Stainless steel (SUS304)				
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
3: [　] are optional. The maximum weighing range varies according to the operating environment.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Waterproof SSV-i M5

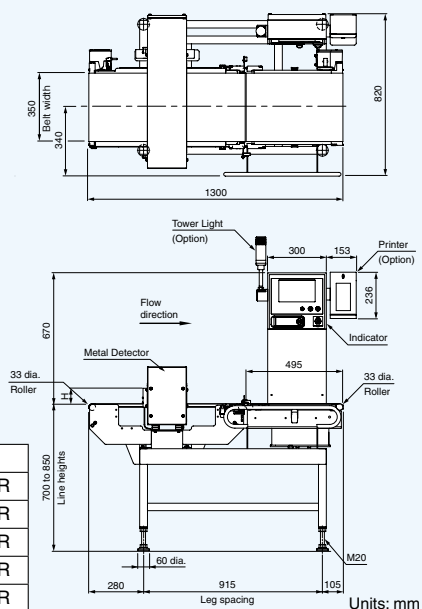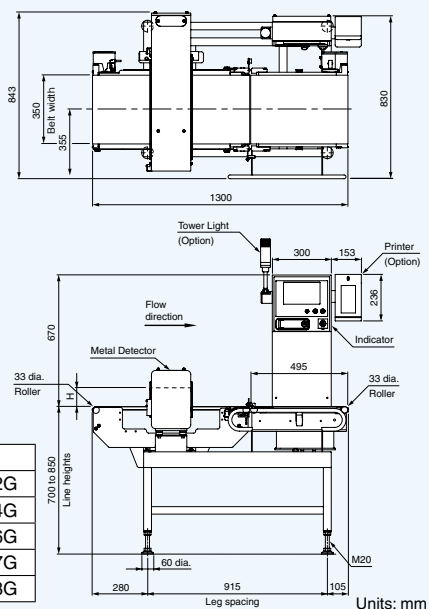## SSV-i series and M5 Metal Detector

KWS5476 type

Weighing range: 30 to 3000 g [30 to 1200 g]

Maximum accurace(3σ): ±0.5 g

Maximum speed: 120 [155] products/min

■ External Dimensions (with M5 series)

KWS5476BW□R

H	Model
45	KWS5476BW2R
95	KWS5476BW3R
125	KWS5476BW4R
145	KWS5476BW5R
175	KWS5476BW6R

Units: mm

■ Specifications

Model	KWS5476BW2R	KWS5476BW3R	KWS5476BW4R	KWS5476BW5R	KWS5476BW6R
Weighing range	30 to 3000 g [30 to 1200 g] [3]				
Scale interval	0.1 g [0.05 g] [3]				
Maximum speed [1]	120 [155] products/min [3]				
Maximum accuracy (3σ) [1]	±0.5 g				
Display	8.5-inch color TFT LCD				
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range	3009 g [1204.5 g] [3]				
Preset memory	Maximum 200				
Classification	2 or 3				
Product size [2] Width W	20 to 350 mm				
Length L	76 to 450 mm				
Height H	5 to 45 mm	5 to 95 mm	5 to 125 mm	5 to 145 mm	5 to 175 mm
Belt speed	7 to 65 [9 to 83] m/min [3]				
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass	149 kg	150 kg	151 kg	153 kg	154 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class	IP66 compliance				
Exterior	Stainless steel (SUS304)				
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
3: [ ] are optional. The maximum weighing range varies according to the operating environment.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

SSV-h series

SSV-i series

SSV-f series

Waterproof SSV-i M6-h

SSV-i series and M6-h Metal Detector

KWS5577 type

Weighing range: 60 to 6000 g

Maximum accurace(3σ): ±1.5 g

Maximum speed: 70 products/min

■ External Dimensions (with M6-h series)

KWS5577BW□G

H	Model
45	KWS5577BW2G
95	KWS5577BW4G
125	KWS5577BW6G
145	KWS5577BW7G
175	KWS5577BW8G

Tower Light (Option)
Printer (Option)
Flow direction
Metal Detector
Indicator
33 dia. Roller
33 dia. Roller
Line heights 700 to 850
60 dia.
M20
Leg spacing
Units: mm

CE

■ Specifications

Model	KWS5577BW2G	KWS5577BW4G	KWS5577BW6G	KWS5577BW7G	KWS5577BW8G
Weighing range	60 to 6000 g				
Scale interval	0.5 g				
Maximum speed [1]	70 products/min				
Maximum accuracy (3σ) [1]	±1.5 g				
Display	8.5-inch color TFT LCD				
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range	6018 g				
Preset memory	Maximum 200				
Classification	2 or 3				
Product size [2]	Width W	20 to 350 mm			
	Length L	76 to 450 mm			
	Height H	5 to 45 mm	5 to 95 mm	5 to 125 mm	5 to 145 mm	5 to 175 mm
Belt speed	5 to 38 m/min				
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass	153 kg	155 kg	159 kg	161 kg	163 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class	IP66 compliance				
Exterior	Stainless steel (SUS304)				
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Waterproof SSV-i M5
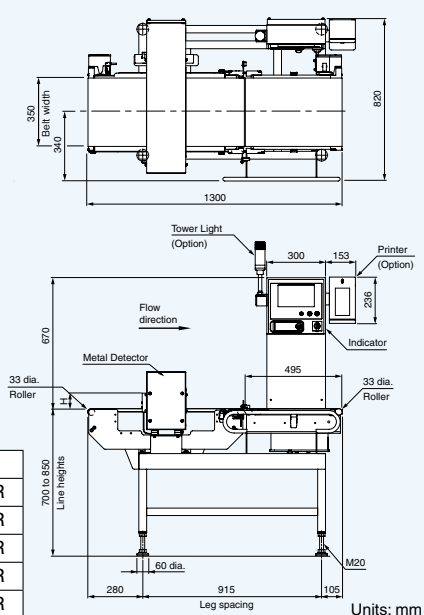
SSV-i series and M5 Metal Detector

KWS5577 type

Weighing range: 60 to 6000 g

Maximum accurace(3σ): ±1.5 g

Maximum speed: 70 products/min

■ External Dimensions (with M5 series)

KWS5577BW□R

H	Model
45	KWS5577BW2R
95	KWS5577BW3R
125	KWS5577BW4R
145	KWS5577BW5R
175	KWS5577BW6R

Units: mm

■ Specifications

Model		KWS5577BW2R	KWS5577BW3R	KWS5577BW4R	KWS5577BW5R	KWS5577BW6R
Weighing range		60 to 6000 g				
Scale interval		0.5 g				
Maximum speed [1]		70 products/min				
Maximum accuracy (3σ) [1]		±1.5 g				
Display		8.5-inch color TFT LCD				
Operation method		Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range		6018 g				
Preset memory		Maximum 200				
Classification		2 or 3				
Product size [2]	Width W	20 to 350 mm				
	Length L	76 to 450 mm				
	Height H	5 to 45 mm	5 to 95 mm	5 to 125 mm	5 to 145 mm	5 to 175 mm
Belt speed		5 to 38 m/min				
Power requirements		100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass		149 kg	150 kg	151 kg	153 kg	154 kg
Environmental conditions		0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class		IP66 compliance				
Exterior		Stainless steel (SUS304)				
Data output		USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

SSV-h series
SSV-i series
SSV-f series

Versatile SSV-f M6-h

SSV-f series and M6-h Metal Detector

SSV-h series
SSV-i series
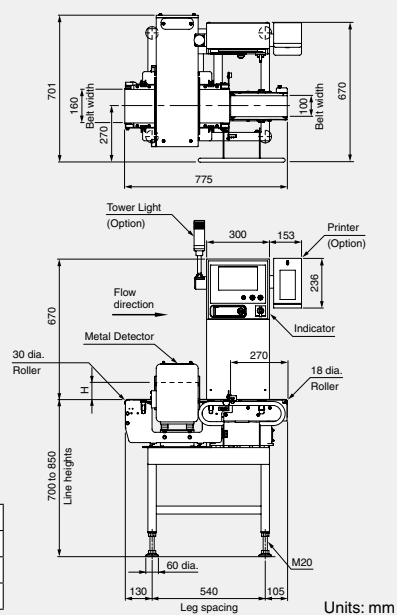SSV-f series

KWS5203 type

Weighing range: 6 to 600 g

Maximum accurace(3σ): ±0.2 g

Maximum speed: 350 products/min

■ External Dimensions (with M6-h series)

KWS5203BF□G
KWS5203BP□G

H	Model
50	KWS5203B△2G
80	KWS5203B△3G
100	KWS5203B△4G

Units: mm

■ Specifications

Model	KWS5203BF2G KWS5203BP2G	KWS5203BF3G KWS5203BP3G	KWS5203BF4G KWS5203BP4G
Weighing range	6 to 600 g		
Scale interval	0.05 g		
Maximum speed [1]	350 products/min		
Maximum accuracy (3σ) [1]	±0.2 g		
Display	8.5-inch color TFT LCD		
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)		
Indication range	604.5 g		
Preset memory	Maximum 200		
Classification	2 or 3		
Product size [2] Width W	20 to 100 mm		
Length L	58 to 230 mm		
Height H	5 to 50 mm	5 to 80 mm	5 to 100 mm
Belt speed	15 to 103 m/min		
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 200 VA, rush current 30 A (typ.) (20 ms or less)		
Mass	108 kg	108 kg	109 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing		
Protection class	IP30 compliance		
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)		
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)		

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Versatile SSV-f M5
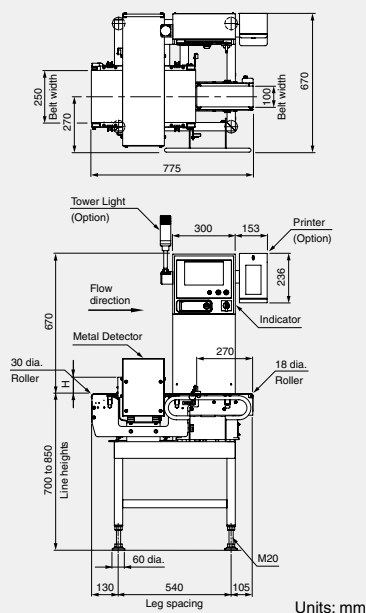
SSV-f series and M5 Metal Detector

KWS5203 type

Weighing range: 6 to 600 g

Maximum accurace(3σ): ±0.2 g

Maximum speed: 350 products/min

■ External Dimensions (with M5 series)

KWS5203BF□R
KWS5203BP□R

Tower Light (Option)

Printer (Option)

Flow direction

Indicator

Metal Detector

30 dia. Roller

18 dia. Roller

700 to 850 Line heights

60 dia.

M20

130   540   105

Leg spacing

Units: mm

H	Model
50	KWS5203B△2R
80	KWS5203B△3R
120	KWS5203B△4R
150	KWS5203B△5R
180	KWS5203B△6R

■ Specifications

Model	KWS5203BF2R KWS5203BP2R	KWS5203BF3R KWS5203BP3R	KWS5203BF4R KWS5203BP4R	KWS5203BF5R KWS5203BP5R	KWS5203BF6R KWS5203BP6R
Weighing range	6 to 600 g				
Scale interval	0.05 g				
Maximum speed [1]	350 products/min				
Maximum accuracy (3σ) [1]	±0.2 g				
Display	8.5-inch color TFT LCD				
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range	604.5 g				
Preset memory	Maximum 200				
Classification	2 or 3				
Product size [2] Width W	20 to 100 mm				
Product size [2] Length L	58 to 230 mm				
Product size [2] Height H	5 to 50 mm	5 to 80 mm	5 to 120 mm	5 to 150 mm	5 to 180 mm
Belt speed	15 to 103 m/min				
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 200 VA, rush current 30 A (typ.) (20 ms or less)				
Mass	109 kg	108 kg	111 kg	113 kg	114 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class	IP30 compliance				
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Versatile SSV-f   M6-h

SSV-f series and M6-h Metal Detector

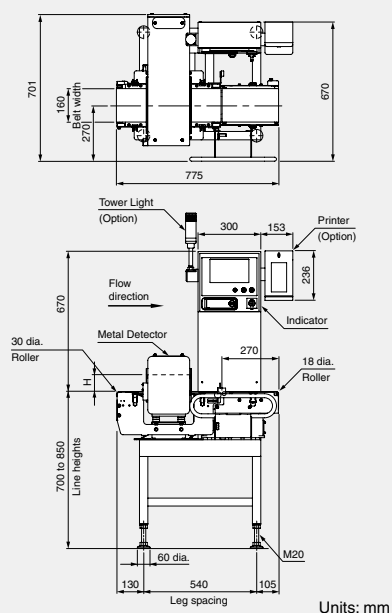SSV-h series

SSV-i series

SSV-f series

KWS5205 type

Weighing range: 6 to 600 g

Maximum accurace(3σ): ±0.2 g

Maximum speed: 350 products/min

External Dimensions (with M6-h series)

KWS5205BF□G
KWS5205BP□G

701
160 Belt width
270
670
775

Tower Light (Option)
300   153
Printer (Option)
236
Flow direction
670
Indicator
30 dia. Roller
Metal Detector
270
18 dia. Roller
H
700 to 850 Line heights
60 dia.
M20
130   540   105
Leg spacing

Units: mm

H	Model
50	KWS5205B△2G
80	KWS5205B△3G
100	KWS5205B△4G

Specifications

Model		KWS5205BF2G KWS5205BP2G	KWS5205BF3G KWS5205BP3G	KWS5205BF4G KWS5205BP4G
Weighing range		6 to 600 g		
Scale interval		0.05 g		
Maximum speed [1]		350 products/min		
Maximum accuracy (3σ) [1]		±0.2 g		
Display		8.5-inch color TFT LCD		
Operation method		Touch panel (Start, Stop, and Home are direct push buttons)		
Indication range		604.5 g		
Preset memory		Maximum 200		
Classification		2 or 3		
Product size [2]	Width W	20 to 160 mm		
	Length L	58 to 230 mm		
	Height H	5 to 50 mm	5 to 80 mm	5 to 100 mm
Belt speed		15 to 103 m/min		
Power requirements		100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 200 VA, rush current 30 A (typ.) (20 ms or less)		
Mass		108 kg	108 kg	109 kg
Environmental conditions		0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing		
Protection class		IP30 compliance		
Exterior		F type: painted, P type: stainless steel (SUS304) (excluding some parts)		
Data output		USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)		

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Versatile SSV-f   M5
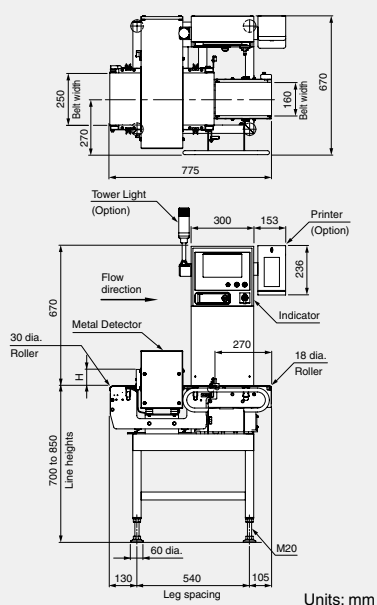
SSV-f series and M5 Metal Detector

KWS5205 type

Weighing range: 6 to 600 g

Maximum accurace(3σ): ±0.2 g

Maximum speed: 350 products/min

■ External Dimensions (with M5 series)

KWS5205BF□R
KWS5205BP□R

H	Model
50	KWS5205B△2R
80	KWS5205B△3R
120	KWS5205B△4R
150	KWS5205B△5R
180	KWS5205B△6R

Units: mm

SSV-h series
SSV-i series
SSV-f series

■ Specifications

Model	KWS5205BF2R KWS5205BP2R	KWS5205BF3R KWS5205BP3R	KWS5205BF4R KWS5205BP4R	KWS5205BF5R KWS5205BP5R	KWS5205BF6R KWS5205BP6R
Weighing range	6 to 600 g				
Scale interval	0.05 g				
Maximum speed [1]	350 products/min				
Maximum accuracy (3σ) [1]	±0.2 g				
Display	8.5-inch color TFT LCD				
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range	604.5 g				
Preset memory	Maximum 200				
Classification	2 or 3				
Product size [2] — Width W	20 to 160 mm				
Product size [2] — Length L	58 to 230 mm				
Product size [2] — Height H	5 to 50 mm	5 to 80 mm	5 to 120 mm	5 to 150 mm	5 to 180 mm
Belt speed	15 to 103 m/min				
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 200 VA, rush current 30 A (typ.) (20 ms or less)				
Mass	109 kg	108 kg	111 kg	113 kg	114 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class	IP30 compliance				
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Versatile SSV-f M6-h

SSV-f series and M6-h Metal Detector

KWS5206 type
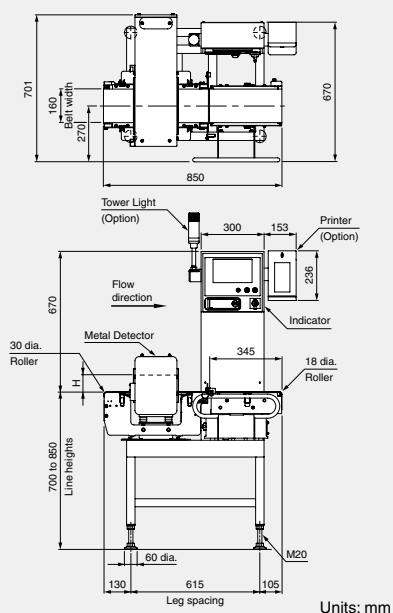
Weighing range: 6 to 600 g

Maximum accurace(3σ): ±0.2 g

Maximum speed: 320 products/min

■ External Dimensions (with M6-h series)

KWS5206BF□G
KWS5206BP□G

H	Model
50	KWS5206B△2G
80	KWS5206B△3G
100	KWS5206B△4G

Units: mm

■ Specifications

Model	KWS5206BF2G KWS5206BP2G	KWS5206BF3G KWS5206BP3G	KWS5206BF4G KWS5206BP4G
Weighing range	6 to 600 g		
Scale interval	0.05 g		
Maximum speed [1]	320 products/min		
Maximum accuracy (3σ) [1]	±0.2 g		
Display	8.5-inch color TFT LCD		
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)		
Indication range	604.5 g		
Preset memory	Maximum 200		
Classification	2 or 3		
Product size [2] — Width W	20 to 160 mm		
Product size [2] — Length L	58 to 310 mm		
Product size [2] — Height H	5 to 50 mm	5 to 80 mm	5 to 100 mm
Belt speed	15 to 120 m/min		
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 200 VA, rush current 30 A (typ.) (20 ms or less)		
Mass	108 kg	108 kg	109 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing		
Protection class	IP30 compliance		
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)		
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)		

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Versatile SSV-f M5
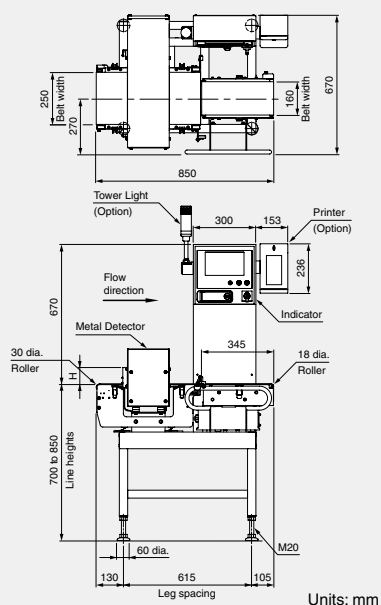
SSV-f series and M5 Metal Detector

KWS5206 type

Weighing range: 6 to 600 g

Maximum accurace(3σ): ±0.2 g

Maximum speed: 320 products/min

■ External Dimensions (with M5 series)

KWS5206BF□R
KWS5206BP□R

H	Model
50	KWS5206B△2R
80	KWS5206B△3R
120	KWS5206B△4R
150	KWS5206B△5R
180	KWS5206B△6R

Units: mm

■ Specifications

Model		KWS5206BF2R KWS5206BP2R	KWS5206BF3R KWS5206BP3R	KWS5206BF4R KWS5206BP4R	KWS5206BF5R KWS5206BP5R	KWS5206BF6R KWS5206BP6R
Weighing range		6 to 600 g				
Scale interval		0.05 g				
Maximum speed [1]		320 products/min				
Maximum accuracy (3σ) [1]		±0.2 g				
Display		8.5-inch color TFT LCD				
Operation method		Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range		604.5 g				
Preset memory		Maximum 200				
Classification		2 or 3				
Product size [2]	Width W	20 to 160 mm				
	Length L	58 to 310 mm				
	Height H	5 to 50 mm	5 to 80 mm	5 to 120 mm	5 to 150 mm	5 to 180 mm
Belt speed		15 to 120 m/min				
Power requirements		100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 200 VA, rush current 30 A (typ.) (20 ms or less)				
Mass		109 kg	108 kg	111 kg	113 kg	114 kg
Environmental conditions		0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class		IP30 compliance				
Exterior		F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output		USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Versatile SSV-f   M6-h
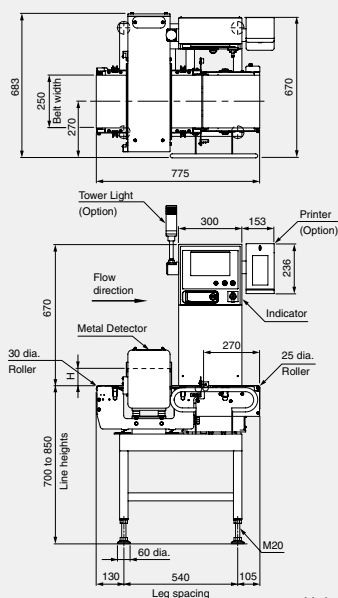
SSV-f series and M6-h Metal Detector

KWS5411 type

Weighing range: 12 to 3000 g

Maximum accurace(3σ): ±0.2 g

Maximum speed: 320 products/min

■ External Dimensions (with M6-h series)

KWS5411BF□G
KWS5411BP□G

H	Model
50	KWS5411B△2G
80	KWS5411B△3G
100	KWS5411B△4G
120	KWS5411B△5G
150	KWS5411B△7G
180	KWS5411B△8G

Units: mm

■ Specifications

Model	KWS5411BF2G KWS5411BP2G	KWS5411BF3G KWS5411BP3G	KWS5411BF4G KWS5411BP4G	KWS5411BF5G KWS5411BP5G	KWS5411BF7G KWS5411BP7G	KWS5411BF8G KWS5411BP8G
Weighing range	12 to 3000 g					
Scale interval	0.1 g					
Maximum speed [1]	320 products/min					
Maximum accuracy (3σ) [1]	±0.2 g					
Display	8.5-inch color TFT LCD					
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)					
Indication range	3009 g					
Preset memory	Maximum 200					
Classification	2 or 3					
Product size [2] Width W	20 to 250 mm					
Length L	65 to 230 mm					
Height H	5 to 50 mm	5 to 80 mm	5 to 100 mm	5 to 120 mm	5 to 150 mm	5 to 180 mm
Belt speed	15 to 94 m/min					
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)					
Mass	114 kg	114 kg	115 kg	116 kg	118 kg	119 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing					
Protection class	IP30 compliance					
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)					
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)					

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Versatile SSV-f M5

SSV-f series and M5 Metal Detector

SSV-h series
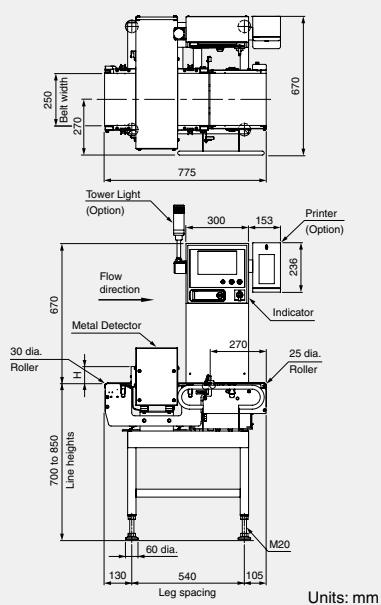SSV-i series
SSV-f series

KWS5411 type

Weighing range：12 to 3000 g

Maximum accurace(3σ)：±0.2 g

Maximum speed：320 products/min

■ External Dimensions (with M5 series)

KWS5411BF□R
KWS5411BP□R

H	Model
50	KWS5411B△2R
80	KWS5411B△3R
120	KWS5411B△4R
150	KWS5411B△5R
180	KWS5411B△6R

Units: mm

■ Specifications

Model	KWS5411BF2R KWS5411BP2R	KWS5411BF3R KWS5411BP3R	KWS5411BF4R KWS5411BP4R	KWS5411BF5R KWS5411BP5R	KWS5411BF6R KWS5411BP6R
Weighing range	12 to 3000 g				
Scale interval	0.1 g				
Maximum speed [1]	320 products/min				
Maximum accuracy (3σ) [1]	±0.2 g				
Display	8.5-inch color TFT LCD				
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range	3009 g				
Preset memory	Maximum 200				
Classification	2 or 3				
Product size [2] Width W	20 to 250 mm				
Product size [2] Length L	65 to 230 mm				
Product size [2] Height H	5 to 50 mm	5 to 80 mm	5 to 120 mm	5 to 150 mm	5 to 180 mm
Belt speed	15 to 94 m/min				
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass	111 kg	110 kg	113 kg	115 kg	116 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class	IP30 compliance				
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Versatile SSV-f M6-h
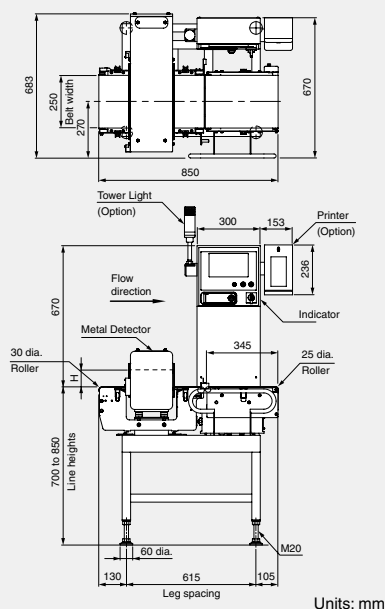
SSV-f series and M6-h Metal Detector

KWS5412 type

Weighing range: 12 to 3000 g

Maximum accurace(3σ): ±0.2 g

Maximum speed: 320 products/min

■ External Dimensions (with M6-h series)

KWS5412BF□G
KWS5412BP□G

H	Model
50	KWS5412B△2G
80	KWS5412B△3G
100	KWS5412B△4G
120	KWS5412B△5G
150	KWS5412B△7G
180	KWS5412B△8G

Units: mm

■ Specifications

Model	KWS5412BF2G KWS5412BP2G	KWS5412BF3G KWS5412BP3G	KWS5412BF4G KWS5412BP4G	KWS5412BF5G KWS5412BP5G	KWS5412BF7G KWS5412BP7G	KWS5412BF8G KWS5412BP8G
Weighing range	12 to 3000 g					
Scale interval	0.1 g					
Maximum speed [1]	320 products/min					
Maximum accuracy (3σ) [1]	±0.2 g					
Display	8.5-inch color TFT LCD					
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)					
Indication range	3009 g					
Preset memory	Maximum 200					
Classification	2 or 3					
Product size [2] Width W	20 to 250 mm					
Product size [2] Length L	65 to 310 mm					
Product size [2] Height H	5 to 50 mm	5 to 80 mm	5 to 100 mm	5 to 120 mm	5 to 150 mm	5 to 180 mm
Belt speed	15 to 120 m/min					
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)					
Mass	115 kg	115 kg	116 kg	117 kg	119 kg	120 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing					
Protection class	IP30 compliance					
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)					
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)					

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Versatile SSV-f M5
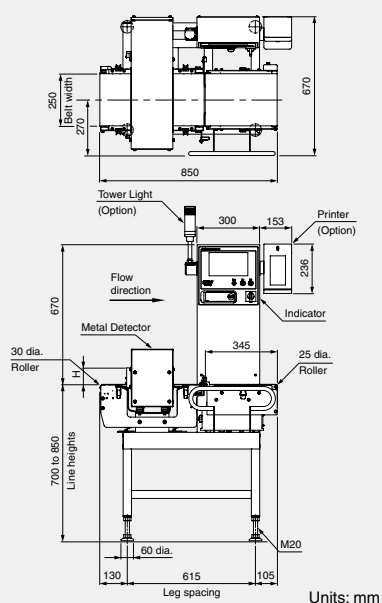
SSV-f series and M5 Metal Detector

KWS5412 type

Weighing range: 12 to 3000 g

Maximum accurace(3σ): ±0.2 g

Maximum speed: 320 products/min

■ External Dimensions (with M5 series)

KWS5412BF□R
KWS5412BP□R

Tower Light (Option)
Printer (Option)
Flow direction
Metal Detector
Indicator
30 dia. Roller
25 dia. Roller
60 dia.
M20
Leg spacing
Units: mm

H	Model
50	KWS5412B△2R
80	KWS5412B△3R
120	KWS5412B△4R
150	KWS5412B△5R
180	KWS5412B△6R

■ Specifications

Model	KWS5412BF2R KWS5412BP2R	KWS5412BF3R KWS5412BP3R	KWS5412BF4R KWS5412BP4R	KWS5412BF5R KWS5412BP5R	KWS5412BF6R KWS5412BP6R
Weighing range	12 to 3000 g				
Scale interval	0.1 g				
Maximum speed [1]	320 products/min				
Maximum accuracy (3σ) [1]	±0.2 g				
Display	8.5-inch color TFT LCD				
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range	3009 g				
Preset memory	Maximum 200				
Classification	2 or 3				
Product size [2] Width W	20 to 250 mm				
Length L	65 to 310 mm				
Height H	5 to 50 mm	5 to 80 mm	5 to 120 mm	5 to 150 mm	5 to 180 mm
Belt speed	15 to 120 m/min				
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass	112 kg	111 kg	114 kg	116 kg	117 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class	IP30 compliance				
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

SSV-h series
SSV-i series
SSV-f series

Versatile SSV-f M6-h

SSV-f series and M6-h Metal Detector

SSV-h series
SSV-i series
SSV-f series

KWS5414 type

Weighing range: 12 to 3000 g

Maximum accurace(3σ): ±0.2 g

Maximum speed: 220 products/min

■ External Dimensions (with M6-h series)

KWS5414BF□G
KWS5414BP□G
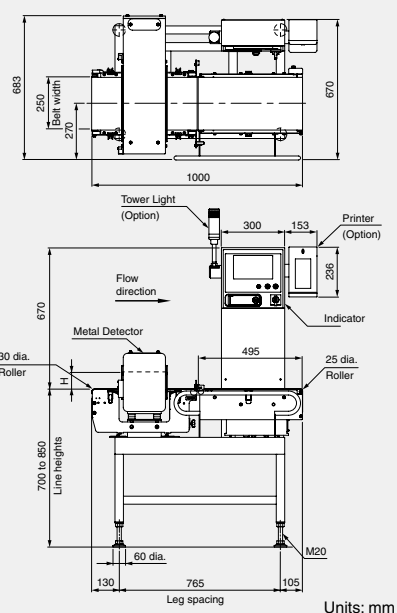
H	Model
50	KWS5414B△2G
80	KWS5414B△3G
100	KWS5414B△4G
120	KWS5414B△5G
150	KWS5414B△7G
180	KWS5414B△8G

Units: mm

■ Specifications

Model		KWS5414BF2G KWS5414BP2G	KWS5414BF3G KWS5414BP3G	KWS5414BF4G KWS5414BP4G	KWS5414BF5G KWS5414BF5G	KWS5414BF7G KWS5414BP7G	KWS5414BF8G KWS5414BP8G
Weighing range		12 to 3000 g					
Scale interval		0.1 g					
Maximum speed [1]		220 products/min					
Maximum accuracy (3σ) [1]		±0.2 g					
Display		8.5-inch color TFT LCD					
Operation method		Touch panel (Start, Stop, and Home are direct push buttons)					
Indication range		3009 g					
Preset memory		Maximum 200					
Classification		2 or 3					
Product size [2]	Width W	20 to 250 mm					
	Length L	65 to 450 mm					
	Height H	5 to 50 mm	5 to 80 mm	5 to 100 mm	5 to 120 mm	5 to 150 mm	5 to 180 mm
Belt speed		15 to 120 m/min					
Power requirements		100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)					
Mass		116 kg	116 kg	117 kg	118 kg	120 kg	121 kg
Environmental conditions		0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing					
Protection class		IP30 compliance					
Exterior		F type: painted, P type: stainless steel (SUS304) (excluding some parts)					
Data output		USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)					

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Versatile SSV-f M5
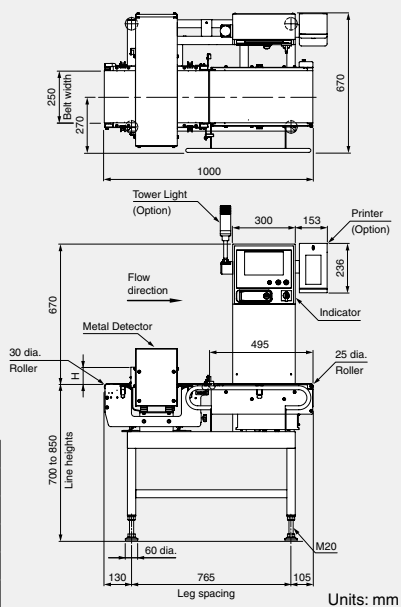
SSV-f series and M5 Metal Detector

KWS5414 type

**Weighing range: 12 to 3000 g**

Maximum accurace(3σ): ±0.2 g

Maximum speed: 220 products/min

■ External Dimensions (with M5 series)

KWS5414BF□R
KWS5414BP□R

H	Model
50	KWS5414B△2R
80	KWS5414B△3R
120	KWS5414B△4R
150	KWS5414B△5R
180	KWS5414B△6R

Units: mm

■ Specifications

Model		KWS5414BF2R KWS5414BP2R	KWS5414BF3R KWS5414BP3R	KWS5414BF4R KWS5414BP4R	KWS5414BF5R KWS5414BP5R	KWS5414BF6R KWS5414BP6R
Weighing range		12 to 3000 g				
Scale interval		0.1 g				
Maximum speed [1]		220 products/min				
Maximum accuracy (3σ) [1]		±0.2 g				
Display		8.5-inch color TFT LCD				
Operation method		Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range		3009 g				
Preset memory		Maximum 200				
Classification		2 or 3				
Product size [2]	Width W	20 to 250 mm				
	Length L	65 to 450 mm				
	Height H	5 to 50 mm	5 to 80 mm	5 to 120 mm	5 to 150 mm	5 to 180 mm
Belt speed		15 to 120 m/min				
Power requirements		100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass		113 kg	112 kg	115 kg	117 kg	118 kg
Environmental conditions		0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class		IP30 compliance				
Exterior		F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output		USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

SSV-h series
SSV-i series
SSV-f series

Versatile SSV-f   M6-h

SSV-f series and M6-h Metal Detector

KWS5416 type

Weighing range： 12 to 3000 g

Maximum accurace(3σ)： ±0.5 g

Maximum speed： 210 products/min

■ External Dimensions (with M6-h series)

KWS5416BF□G
KWS5416BP□G
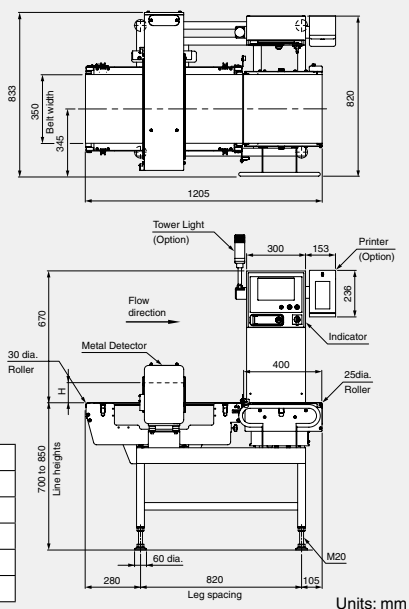
H	Model
50	KWS5416B△2G
100	KWS5416B△4G
130	KWS5416B△6G
150	KWS5416B△7G
180	KWS5416B△8G

Units: mm

■ Specifications

Model		KWS5416BF2G KWS5416BP2G	KWS5416BF4G KWS5416BP4G	KWS5416BF6G KWS5416BP6G	KWS5416BF7G KWS5416BP7G	KWS5416BF8G KWS5416BP8G
Weighing range		12 to 3000 g				
Scale interval		0.1 g				
Maximum speed [1]		210 products/min				
Maximum accuracy (3σ) [1]		±0.5 g				
Display		8.5-inch color TFT LCD				
Operation method		Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range		3009 g				
Preset memory		Maximum 200				
Classification		2 or 3				
Product size [2]	Width W	20 to 350 mm				
	Length L	65 to 350 mm				
	Height H	5 to 50 mm	5 to 100 mm	5 to 130 mm	5 to 150 mm	5 to 180 mm
Belt speed		15 to 91 m/min				
Power requirements		100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass		144 kg	146 kg	150 kg	152 kg	154 kg
Environmental conditions		0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class		IP30 compliance				
Exterior		F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output		USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Versatile SSV-f M5
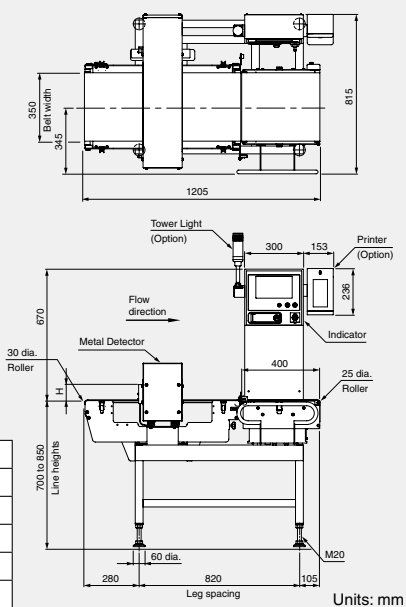
SSV-f series and M5 Metal Detector

KWS5416 type

Weighing range: 12 to 3000 g

Maximum accurace(3σ): ±0.5 g

Maximum speed: 210 products/min

■ External Dimensions (with M5 series)

KWS5416BF□R
KWS5416BP□R

H	Model
50	KWS5416B△2R
100	KWS5416B△3R
130	KWS5416B△4R
150	KWS5416B△5R
180	KWS5416B△6R

Units: mm

■ Specifications

Model	KWS5416BF2R KWS5416BP2R	KWS5416BF3R KWS5416BP3R	KWS5416BF4R KWS5416BP4R	KWS5416BF5R KWS5416BP5R	KWS5416BF6R KWS5416BP6R
Weighing range	12 to 3000 g				
Scale interval	0.1 g				
Maximum speed [1]	210 products/min				
Maximum accuracy (3σ) [1]	±0.5 g				
Display	8.5-inch color TFT LCD				
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range	3009 g				
Preset memory	Maximum 200				
Classification	2 or 3				
Product size [2]	Width W	20 to 350 mm				
	Length L	65 to 350 mm				
	Height H	5 to 50 mm	5 to 100 mm	5 to 130 mm	5 to 150 mm	5 to 180 mm
Belt speed	15 to 91 m/min				
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass	140 kg	141 kg	142 kg	144 kg	145 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class	IP30 compliance				
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Versatile SSV-f M6-h
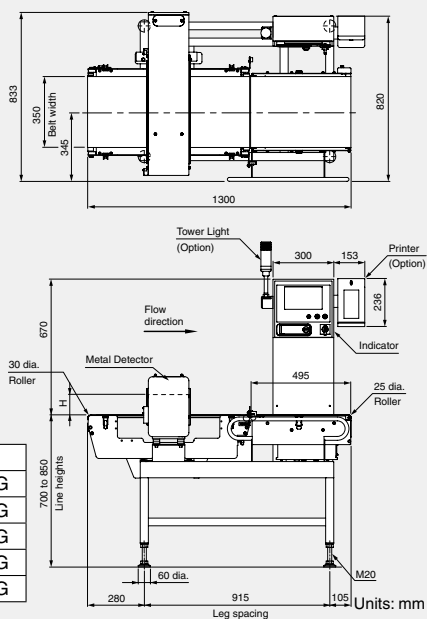
SSV-f series and M6-h Metal Detector

KWS5417 type

Weighing range: **12 to 3000** g

Maximum accurace(3σ): **±0.5** g

Maximum speed: **170** products/min

■ External Dimensions (with M6-h series)

KWS5417BF☐G
KWS5417BP☐G

H	Model
50	KWS5417B△2G
100	KWS5417B△4G
130	KWS5417B△6G
150	KWS5417B△7G
180	KWS5417B△8G

Units: mm

■ Specifications

Model		KWS5417BF2G KWS5417BP2G	KWS5417BF4G KWS5417BP4G	KWS5417BF6G KWS5417BP6G	KWS5417BF7G KWS5417BP7G	KWS5417BF8G KWS5417BP8G
Weighing range		12 to 3000 g				
Scale interval		0.1 g				
Maximum speed [1]		170 products/min				
Maximum accuracy (3σ) [1]		±0.5 g				
Display		8.5-inch color TFT LCD				
Operation method		Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range		3009 g				
Preset memory		Maximum 200				
Classification		2 or 3				
Product size [2]	Width W	20 to 350 mm				
	Length L	65 to 450 mm				
	Height H	5 to 50 mm	5 to 100 mm	5 to 130 mm	5 to 150 mm	5 to 180 mm
Belt speed		15 to 91 m/min				
Power requirements		100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass		148 kg	150 kg	154 kg	156 kg	158 kg
Environmental conditions		0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class		IP30 compliance				
Exterior		F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output		USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Versatile SSV-f M5
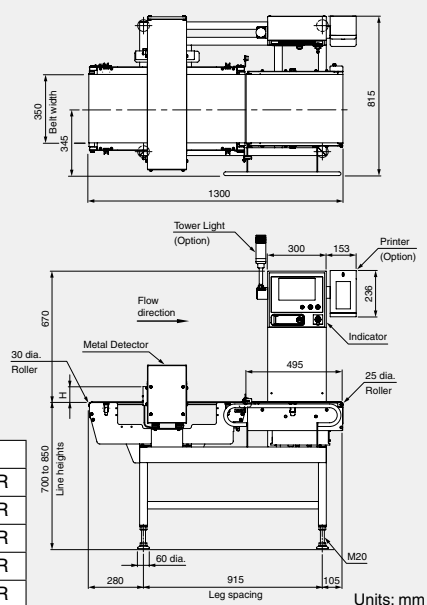
SSV-f series and M5 Metal Detector

KWS5417 type

Weighing range: 12 to 3000 g

Maximum accurace(3σ): ±0.5 g

Maximum speed: 170 products/min

■ External Dimensions (with M5 series)

KWS5417BF□R
KWS5417BP□R

H	Model
50	KWS5417B△2R
100	KWS5417B△3R
130	KWS5417B△4R
150	KWS5417B△5R
180	KWS5417B△6R

Units: mm

SSV-h series
SSV-i series
SSV-f series

■ Specifications

Model	KWS5417BF2R KWS5417BP2R	KWS5417BF3R KWS5417BP3R	KWS5417BF4R KWS5417BP4R	KWS5417BF5R KWS5417BP5R	KWS5417BF6R KWS5417BP6R
Weighing range	12 to 3000 g				
Scale interval	0.1 g				
Maximum speed [1]	170 products/min				
Maximum accuracy (3σ) [1]	±0.5 g				
Display	8.5-inch color TFT LCD				
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range	3009 g				
Preset memory	Maximum 200				
Classification	2 or 3				
Product size [2]	Width W	20 to 350 mm				
	Length L	65 to 450 mm				
	Height H	5 to 50 mm	5 to 100 mm	5 to 130 mm	5 to 150 mm	5 to 180 mm
Belt speed	15 to 91 m/min				
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass	144 kg	145 kg	146 kg	148 kg	149 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class	IP30 compliance				
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Versatile SSV-f   M6-h

SSV-f series and M6-h Metal Detector

SSV-h series
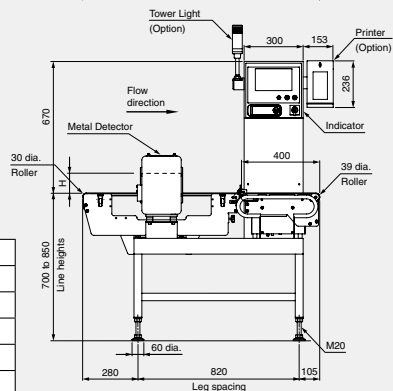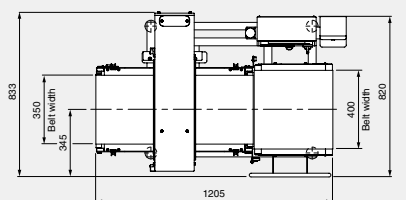SSV-i series
SSV-f series

KWS5522 type

Weighing range: 60 to 6000 g

Maximum accurace(3σ): ±1.5 g

Maximum speed: 130 products/min

■ External Dimensions (with M6-h series)

KWS5522BF□G
KWS5522BP□G

H	Model
50	KWS5522B△2G
100	KWS5522B△4G
130	KWS5522B△6G
150	KWS5522B△7G
180	KWS5522B△8G

Units: mm

■ Specifications

Model	KWS5522BF2G KWS5522BP2G	KWS5522BF4G KWS5522BP4G	KWS5522BF6G KWS5522BP6G	KWS5522BF7G KWS5522BP7G	KWS5522BF8G KWS5522BP8G
Weighing range	60 to 6000 g				
Scale interval	0.5 g				
Maximum speed [1]	130 products/min				
Maximum accuracy (3σ) [1]	±1.5 g				
Display	8.5-inch color TFT LCD				
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range	6018 g				
Preset memory	Maximum 200				
Classification	2 or 3				
Product size [2] — Width W	20 to 350 mm				
Product size [2] — Length L	79 to 350 mm				
Product size [2] — Height H	5 to 50 mm	5 to 100 mm	5 to 130 mm	5 to 150 mm	5 to 180 mm
Belt speed	5 to 56 m/min				
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass	148 kg	150 kg	154 kg	156 kg	158 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class	IP30 compliance				
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Versatile SSV-f M5
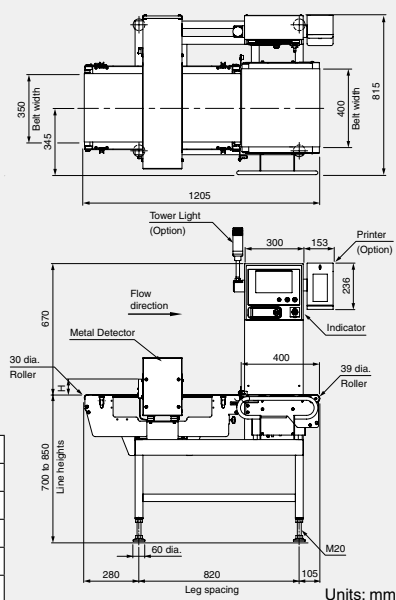
SSV-f series and M5 Metal Detector

KWS5522 type

**Weighing range: 60 to 6000 g**

Maximum accurace(3σ): ±1.5 g

Maximum speed: 130 products/min

■ External Dimensions (with M5 series)

KWS5522BF□R
KWS5522BP□R

H	Model
50	KWS5522B△2R
100	KWS5522B△3R
130	KWS5522B△4R
150	KWS5522B△5R
180	KWS5522B△6R

Units: mm

■ Specifications

Model	KWS5522BF2R KWS5522BP2R	KWS5522BF3R KWS5522BP3R	KWS5522BF4R KWS5522BP4R	KWS5522BF5R KWS5522BP5R	KWS5522BF6R KWS5522BP6R
Weighing range	60 to 6000 g				
Scale interval	0.5 g				
Maximum speed [1]	130 products/min				
Maximum accuracy (3σ) [1]	±1.5 g				
Display	8.5-inch color TFT LCD				
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range	6018 g				
Preset memory	Maximum 200				
Classification	2 or 3				
Product size [2] Width W	20 to 350 mm				
Length L	79 to 350 mm				
Height H	5 to 50 mm	5 to 100 mm	5 to 130 mm	5 to 150 mm	5 to 180 mm
Belt speed	5 to 56 m/min				
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass	144 kg	145 kg	146 kg	148 kg	149 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class	IP30 compliance				
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

SSV-h series
SSV-i series
SSV-f series

CE

Versatile SSV-f   M6-h

SSV-f series and M6-h Metal Detector

KWS5524 type

Weighing range: 60 to 6000 g

Maximum accurace(3σ): ±1.5 g

Maximum speed: 110 products/min

■ External Dimensions (with M6-h series)

KWS5524BF□G
KWS5524BP□G
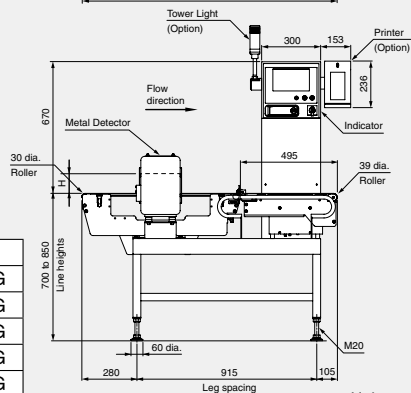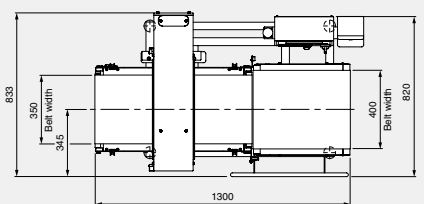
H	Model
50	KWS5524B△2G
100	KWS5524B△4G
130	KWS5524B△6G
150	KWS5524B△7G
180	KWS5524B△8G

Units: mm

■ Specifications

Model		KWS5524BF2G KWS5524BP2G	KWS5524BF4G KWS5524BP4G	KWS5524BF6G KWS5524BP6G	KWS5524BF7G KWS5524BP7G	KWS5524BF8G KWS5524BP8G
Weighing range		60 to 6000 g				
Scale interval		0.5 g				
Maximum speed [1]		110 products/min				
Maximum accuracy (3σ) [1]		±1.5 g				
Display		8.5-inch color TFT LCD				
Operation method		Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range		6018 g				
Preset memory		Maximum 200				
Classification		2 or 3				
Product size [2]	Width W	20 to 350 mm				
	Length L	79 to 450 mm				
	Height H	5 to 50 mm	5 to 100 mm	5 to 130 mm	5 to 150 mm	5 to 180 mm
Belt speed		5 to 60 m/min				
Power requirements		100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass		152 kg	154 kg	158 kg	160 kg	162 kg
Environmental conditions		0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class		IP30 compliance				
Exterior		F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output		USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Versatile SSV-f M5
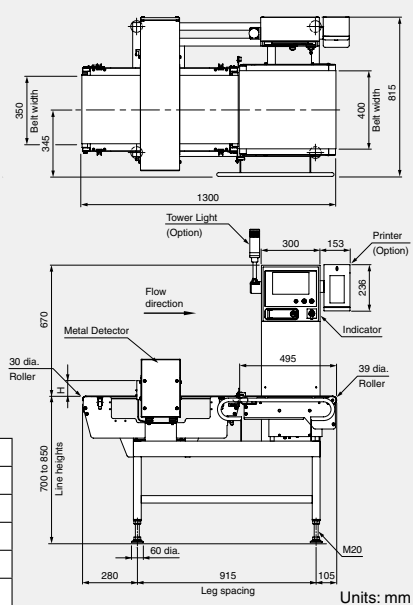
SSV-f series and M5 Metal Detector

KWS5524 type

Weighing range: 60 to 6000 g

Maximum accurace(3σ): ±1.5 g

Maximum speed: 110 products/min

■ External Dimensions (with M5 series)

KWS5524BF□R
KWS5524BP□R

Tower Light (Option)

Printer (Option)

Flow direction

Metal Detector

30 dia. Roller

39 dia. Roller

Indicator

60 dia.

M20

Leg spacing

Units: mm

H	Model
50	KWS5524B△2R
100	KWS5524B△3R
130	KWS5524B△4R
150	KWS5524B△5R
180	KWS5524B△6R

SSV-h series
SSV-i series
SSV-f series

■ Specifications

Model	KWS5524BF2R KWS5524BP2R	KWS5524BF3R KWS5524BP3R	KWS5524BF4R KWS5524BP4R	KWS5524BF5R KWS5524BP5R	KWS5524BF6R KWS5524BP6R
Weighing range	60 to 6000 g				
Scale interval	0.5 g				
Maximum speed [1]	110 products/min				
Maximum accuracy (3σ) [1]	±1.5 g				
Display	8.5-inch color TFT LCD				
Operation method	Touch panel (Start, Stop, and Home are direct push buttons)				
Indication range	6018 g				
Preset memory	Maximum 200				
Classification	2 or 3				
Product size [2] Width W	20 to 350 mm				
Product size [2] Length L	79 to 450 mm				
Product size [2] Height H	5 to 50 mm	5 to 100 mm	5 to 130 mm	5 to 150 mm	5 to 180 mm
Belt speed	5 to 60 m/min				
Power requirements	100 to 120 Vac +10% −15% or 200 to 240 Vac +10% −15%, single phase, 50/60 Hz, 300 VA, rush current 30 A (typ.) (20 ms or less)				
Mass	148 kg	149 kg	150 kg	152 kg	153 kg
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing				
Protection class	IP30 compliance				
Exterior	F type: painted, P type: stainless steel (SUS304) (excluding some parts)				
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)				

1: The speed and accuracy vary according to the products to be weighed and the rejector.
2: The size of products to be weighed depends on the rejector; select a checkweigher together with a rejector. Consult us about semi-transparent and transparent products.
Note: The noise level of the checkweighers does not exceed 70 dB (A).

Λnritsu

envision : ensure

• Some products shown in this catalog may not be available in your country or region.
  Contact our sales representatives for details.
• To ensure proper operation, read the Operation Manual before using the machine.
• In addition to daily inspection, a full maintenance inspection should be completed annually.