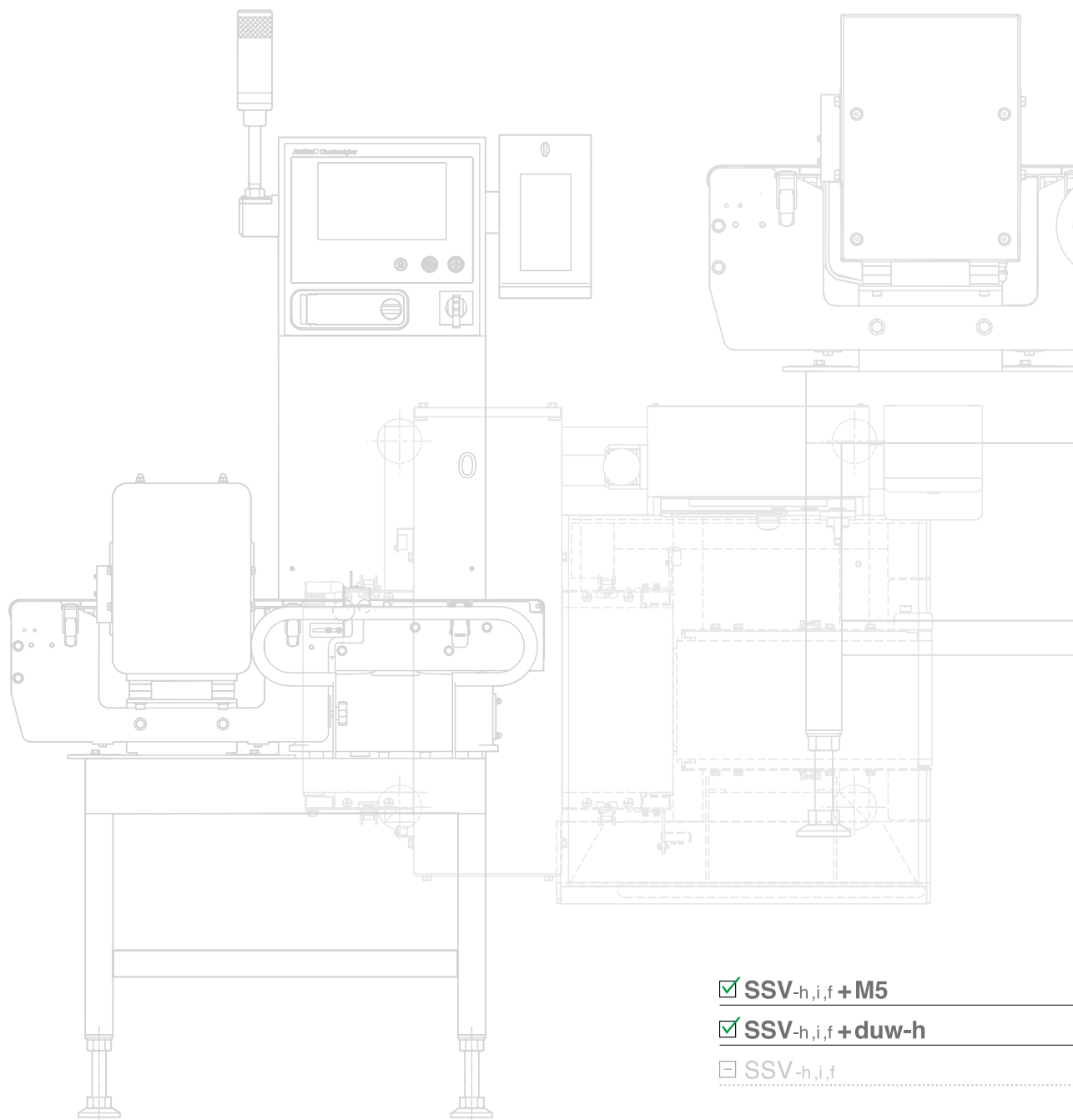


SSV series

Combination Checkweigher

and Metal Detector **M5** **duw-h**



SSV-h,i,f + M5

SSV-h,i,f + duw-h

SSV-h,i,f

SSV series Combination Checkweigher and Metal Detector



M5 Metal Detector equipped model

duw-h Metal Detector equipped model



Line up

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	<input checked="" type="checkbox"/> Stainless steel	<input checked="" type="checkbox"/> Painted
Conveyor	<input type="checkbox"/> Waterproof	<input checked="" type="checkbox"/> Non waterproof
Balance	<input checked="" type="checkbox"/> Force balance	<input type="checkbox"/> Strain gauge
Frame	<input checked="" type="checkbox"/> Stainless steel	<input checked="" type="checkbox"/> Painted
Metal Detector Selectin	<input checked="" type="checkbox"/> M5	<input checked="" type="checkbox"/> duw-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	<input checked="" type="checkbox"/> Stainless steel	<input type="checkbox"/> Painted
Conveyor	<input checked="" type="checkbox"/> Waterproof	<input type="checkbox"/> Non waterproof
Balance	<input checked="" type="checkbox"/> Force balance	<input checked="" type="checkbox"/> Strain gauge
Frame	<input checked="" type="checkbox"/> Stainless steel	<input type="checkbox"/> Painted
Metal Detector Selectin	<input checked="" type="checkbox"/> M5	<input checked="" type="checkbox"/> duw-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	<input checked="" type="checkbox"/> Stainless steel	<input checked="" type="checkbox"/> Painted
Conveyor	<input type="checkbox"/> Waterproof	<input checked="" type="checkbox"/> Non waterproof
Balance	<input type="checkbox"/> Force balance	<input checked="" type="checkbox"/> Strain gauge
Frame	<input checked="" type="checkbox"/> Stainless steel	<input checked="" type="checkbox"/> Painted
Metal Detector Selectin	<input checked="" type="checkbox"/> M5	<input checked="" type="checkbox"/> duw-h

Metal Detector Selection

High Sensitivity

duw-h

Enhancements to the standard duw include improved signal processing and head design for optimal sensitivity and system stability.

Entry

M5

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

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	Item Model	Weighing range (g)	Maximum accuracy (3σ) (g)	Maximum speed (products/min)	Belt speed (m/min)	Product size		Metal Detector										
							Width (mm)	Length (mm)	M5 series				duw-h series						
									2R	3R	4R	5R	6R	2E	3E	4E	5E		
4	High Accuracy SSV-h series	KWS6003B△□□	0.4 to 100	±0.01	310	15 to 92	20 to 100	58 to 230	✓	✓	✓	✓	✓	✓	✓	✓	✓		
5		KWS6005B△□□	0.4 to 100	±0.01	310	15 to 92	20 to 160	58 to 230	✓	✓	✓	✓	✓	✓	✓	✓	✓		
6		KWS6006B△□□	0.4 to 100	±0.01	320	15 to 120	20 to 160	58 to 320	✓	✓	✓	✓	✓	✓	✓	✓	✓		
7		KWS6203B△□□	1.2 to 600	±0.015	400	15 to 120	20 to 100	58 to 230	✓	✓	✓	✓	✓	✓	✓	✓	✓		
8		KWS6205B△□□	1.2 to 600	±0.015	400	15 to 120	20 to 160	58 to 230	✓	✓	✓	✓	✓	✓	✓	✓	✓		
9		KWS6206B△□□	1.2 to 600	±0.015	320	15 to 120	20 to 160	58 to 320	✓	✓	✓	✓	✓	✓	✓	✓	✓		
10		KWS6411B△□□	6 to 3000	±0.1	400	15 to 120	20 to 250	65 to 230	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
11		KWS6412B△□□	6 to 3000	±0.1	320	15 to 120	20 to 250	65 to 320	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
12		KWS6414B△□□	6 to 3000	±0.1	220	15 to 120	20 to 250	65 to 450	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
13		KWS6416B△□□	6 to 3000	±0.1	210	15 to 91	20 to 350	65 to 350	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
14		KWS6417B△□□	6 to 3000	±0.1	170	15 to 91	20 to 350	65 to 450	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
15		Waterproof SSV-i series	KWS6265BW□□	6 to 600	±0.1	280	9 to 82	20 to 160	68 to 200	✓	✓	✓	✓	✓	✓	✓	✓	✓	
16			KWS6366BW□□	12 to 1200	±0.1	220	9 to 82	20 to 230	68 to 320	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17			KWS6472BW□□	30 to 3000 [30 to 1200]	±0.1	160 [220]	7 to 60 [9 to 82]	20 to 230	76 to 320	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	KWS5265BW□□		6 to 600	±0.2	280	9 to 82	20 to 160	68 to 200	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
19	KWS5366BW□□		12 to 1200	±0.2	220	9 to 82	20 to 230	68 to 320	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
20	KWS5472BW□□		30 to 3000 [30 to 1200]	±0.5	160 [220]	7 to 60 [9 to 82]	20 to 230	76 to 320	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
21	KWS5476BW□□		30 to 3000 [30 to 1200]	±0.5	120 [155]	7 to 65 [9 to 83]	20 to 350	76 to 450	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
22	KWS5577BW□□		60 to 6000	±1.5	70	5 to 38	20 to 350	76 to 450	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
23	Versatile SSV-f series	KWS5203B△□□	6 to 600	±0.2	350	15 to 103	20 to 100	58 to 230	✓	✓	✓	✓	✓	✓	✓	✓	✓		
24		KWS5205B△□□	6 to 600	±0.2	350	15 to 103	20 to 160	58 to 230	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
25		KWS5206B△□□	6 to 600	±0.2	320	15 to 120	20 to 160	58 to 310	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
26		KWS5411B△□□	12 to 3000	±0.2	320	15 to 94	20 to 250	65 to 230	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
27		KWS5412B△□□	12 to 3000	±0.2	320	15 to 120	20 to 250	65 to 310	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
28		KWS5414B△□□	12 to 3000	±0.2	220	15 to 120	20 to 250	65 to 450	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
29		KWS5416B△□□	12 to 3000	±0.5	210	15 to 91	20 to 350	65 to 350	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
30		KWS5417B△□□	12 to 3000	±0.5	170	15 to 91	20 to 350	65 to 450	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
31		KWS5522B△□□	60 to 6000	±1.5	130	5 to 56	20 to 350	79 to 350	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
32		KWS5524B△□□	60 to 6000	±1.5	110	5 to 60	20 to 350	79 to 450	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

SSV-h series

SSV-i series

SSV-f series

High Accuracy

 SSV-h series and M5/duw-h Metal Detector **SSV-h** **M5** **duw-h**

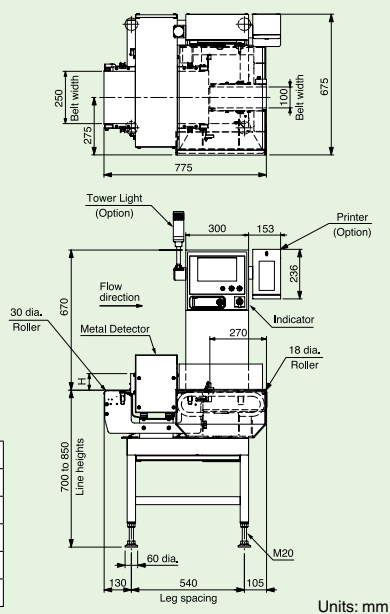
KWS6003 type

 Weighing range : **0.4 to 100 g**

 Maximum accuracy (3 σ) : **± 0.01 g**

 Maximum speed : **310** products/min

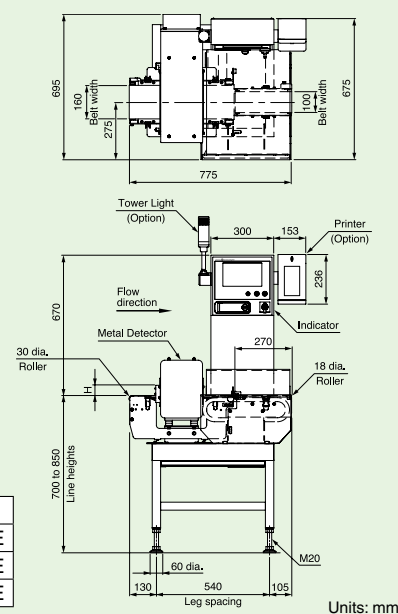
External Dimensions (with M5 series)

 KWS6003BF□R
 KWS6003BP□R


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

Units: mm

External Dimensions (with duw-h series)

 KWS6003BF□E
 KWS6003BP□E


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

Units: mm

Specifications

Model	KWS6003BF2R	KWS6003BF3R	KWS6003BF4R	KWS6003BF5R	KWS6003BF6R	KWS6003BF2E	KWS6003BF3E	KWS6003BF4E	
Model	KWS6003BP2R	KWS6003BP3R	KWS6003BP4R	KWS6003BP5R	KWS6003BP6R	KWS6003BP2E	KWS6003BP3E	KWS6003BP4E	
Weighing range	0.4 to 100 g								
Scale interval	0.001 g								
Maximum speed ¹	310 products/min								
Maximum accuracy (3 σ) 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	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	109 kg	108 kg	111 kg	113 kg	114 kg	108 kg	108 kg	109 kg	
Environmental conditions	0° 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 series and M5/duw-h Metal Detector **SSV-h** **M5** **duw-h**

KWS6005 type

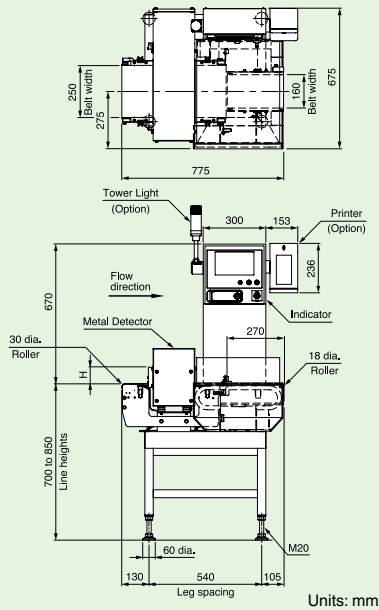
Weighing range : **0.4 to 100 g**

Maximum accuracy (3 σ) : **± 0.01 g**

Maximum speed : **310** products/min

External Dimensions (with M5 series)

KWS6005BF□R
KWS6005BP□R

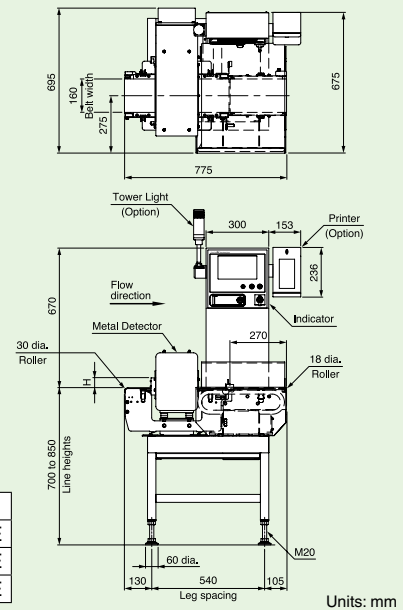


H	Model
50	KWS6005B△2R
80	KWS6005B△3R
120	KWS6005B△4R
150	KWS6005B△5R
180	KWS6005B△6R

Units: mm

External Dimensions (with duw-h series)

KWS6005BF□E
KWS6005BP□E



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

Units: mm

Specifications

Model	KWS6005BF2R	KWS6005BF3R	KWS6005BF4R	KWS6005BF5R	KWS6005BF6R	KWS6005BF2E	KWS6005BF3E	KWS6005BF4E	
Weighing range	0.4 to 100 g								
Scale interval	0.001 g								
Maximum speed ¹	310 products/min								
Maximum accuracy (3 σ) 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 120 mm	5 to 150 mm	5 to 180 mm	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	109 kg	108 kg	111 kg	113 kg	114 kg	108 kg	108 kg	109 kg	
Environmental conditions	0° 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 series and M5/duw-h Metal Detector **SSV-h** **M5** **duw-h**

KWS6006 type

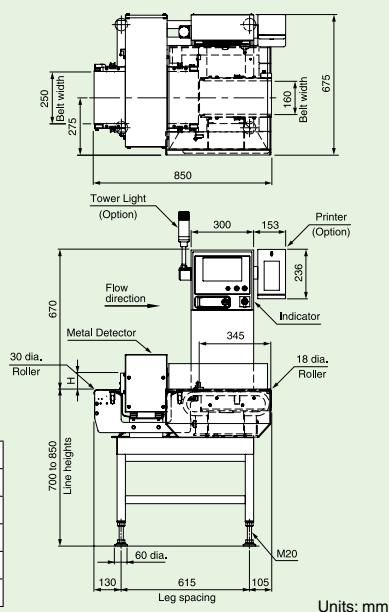
Weighing range : **0.4 to 100 g**

Maximum accuracy (3 σ) : **± 0.01 g**

Maximum speed : **320** products/min

External Dimensions (with M5 series)

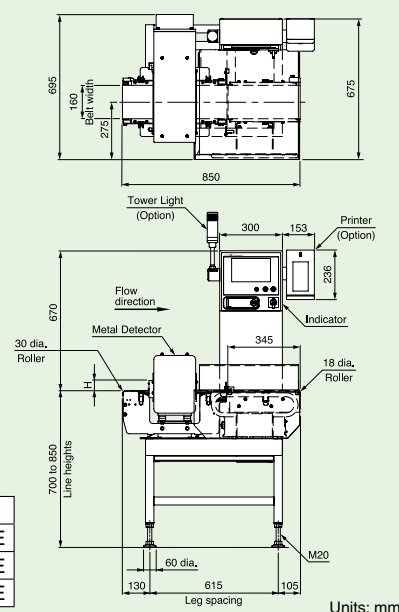
KWS6006BF□R
KWS6006BP□R



Units: mm

External Dimensions (with duw-h series)

KWS6006BF□E
KWS6006BP□E



Units: mm

Specifications

Model	KWS6006BF2R	KWS6006BF3R	KWS6006BF4R	KWS6006BF5R	KWS6006BF6R	KWS6006BF2E	KWS6006BF3E	KWS6006BF4E	
Weighing range	0.4 to 10 g								
Scale interval	0.001 g								
Maximum speed ¹	320 products/min								
Maximum accuracy (3 σ) 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 120 mm	5 to 150 mm	5 to 180 mm	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	109 kg	108 kg	111 kg	113 kg	114 kg	108 kg	108 kg	109 kg	
Environmental conditions	0° 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 series and M5/duw-h Metal Detector **SSV-h** **M5** **duw-h**

KWS6203 type

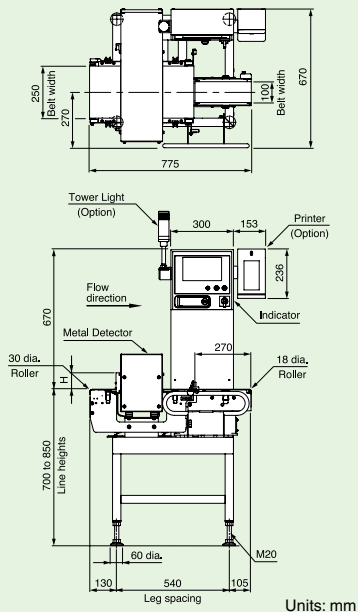
Weighing range : 1.2 to 600 g

Maximum accuracy (3σ) : ± 0.015 g

Maximum speed : 400 products/min

External Dimensions (with M5 series)

KWS6203BF□R
KWS6203BP□R

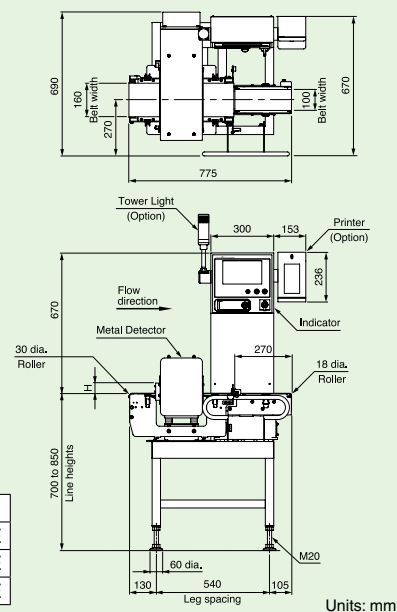


H	Model
50	KWS6203B△2R
80	KWS6203B△3R
120	KWS6203B△4R
150	KWS6203B△5R
180	KWS6203B△6R

Units: mm

External Dimensions (with duw-h series)

KWS6203BF□E
KWS6203BP□E



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

Units: mm

Specifications

Model	KWS6203BF2R	KWS6203BF3R	KWS6203BF4R	KWS6203BF5R	KWS6203BF6R	KWS6203BF2E	KWS6203BF3E	KWS6203BF4E
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	5 to 50 mm	5 to 80 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	108 kg	108 kg	109 kg
Environmental conditions	0° 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 series and M5/duw-h Metal Detector **SSV-h** **M5** **duw-h**

KWS6205 type

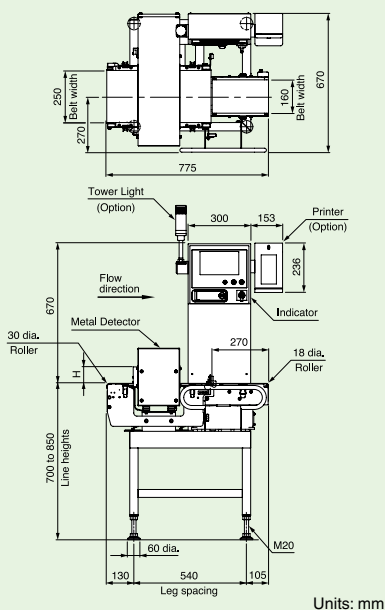
Weighing range : **1.2 to 600 g**

Maximum accuracy (3 σ) : **± 0.015 g**

Maximum speed : **400** products/min

External Dimensions (with M5 series)

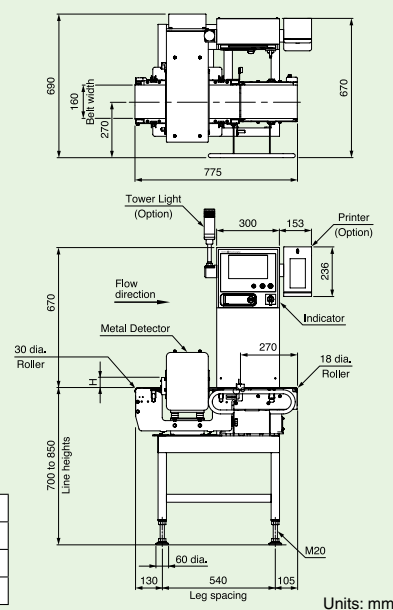
KWS6205BF□R
KWS6205BP□R



Units: mm

External Dimensions (with duw-h series)

KWS6205BF□E
KWS6205BP□E



Units: mm

Specifications

Model	KWS6205BF2R	KWS6205BF3R	KWS6205BF4R	KWS6205BF5R	KWS6205BF6R	KWS6205BF2E	KWS6205BF3E	KWS6205BF4E
Weighing range	1.2 to 600 g							
Scale interval	0.01 g							
Maximum speed ¹	400 products/min							
Maximum accuracy (3 σ) 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 120 mm	5 to 150 mm	5 to 180 mm	5 to 50 mm	5 to 80 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	108 kg	108 kg	109 kg
Environmental conditions	0° 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 series and M5/duw-h Metal Detector **SSV-h** **M5** **duw-h**

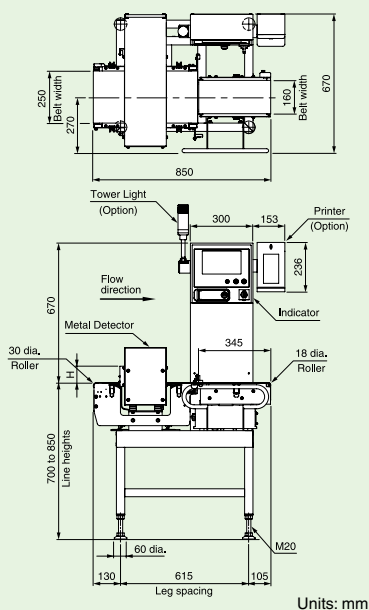
KWS6206 type

 Weighing range : **1.2 to 600 g**

 Maximum accuracy (3 σ) : **± 0.015 g**

 Maximum speed : **320** products/min

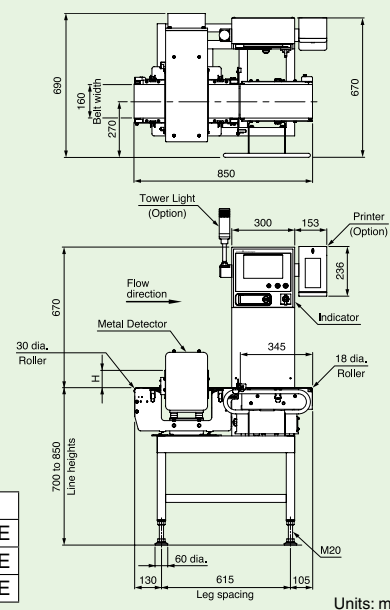
External Dimensions (with M5 series)

 KWS6206BF□R
 KWS6206BP□R


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

Units: mm

External Dimensions (with duw-h series)

 KWS6206BF□E
 KWS6206BP□E


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

Units: mm

Specifications

Model	KWS6206BF2R	KWS6206BF3R	KWS6206BF4R	KWS6206BF5R	KWS6206BF6R	KWS6206BF2E	KWS6206BF3E	KWS6206BF4E
Model	KWS6206BP2R	KWS6206BP3R	KWS6206BP4R	KWS6206BP5R	KWS6206BP6R	KWS6206BP2E	KWS6206BP3E	KWS6206BP4E
Weighing range	1.2 to 600 g							
Scale interval	0.01 g							
Maximum speed ¹	320 products/min							
Maximum accuracy (3 σ) 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	5 to 50 mm	5 to 80 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	108 kg	108 kg	109 kg
Environmental conditions	0° 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 series and M5/duw-h Metal Detector **SSV-h** **M5** **duw-h**

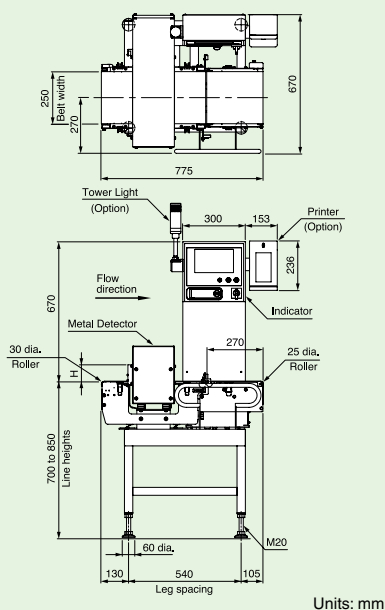
KWS6411 type

 Weighing range : **6 to 3000 g**

 Maximum accuracy (3 σ) : **± 0.1 g**

 Maximum speed : **400 products/min**

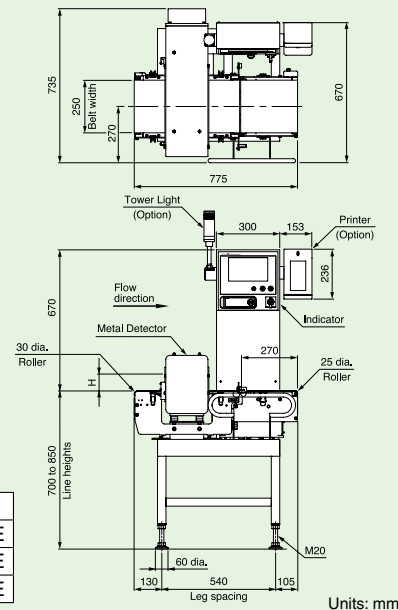
External Dimensions (with M5 series)

 KWS6411BF□R
 KWS6411BP□R


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

Units: mm

External Dimensions (with duw-h series)

 KWS6411BF□E
 KWS6411BP□E


H	Model
50	KWS6411B△2E
80	KWS6411B△3E
120	KWS6411B△5E

Units: mm

Specifications

Model	KWS6411BF2R	KWS6411BF3R	KWS6411BF4R	KWS6411BF5R	KWS6411BF6R	KWS6411BF2E	KWS6411BF3E	KWS6411BF5E	
Model	KWS6411BP2R	KWS6411BP3R	KWS6411BP4R	KWS6411BP5R	KWS6411BP6R	KWS6411BP2E	KWS6411BP3E	KWS6411BP5E	
Weighing range	6 to 3000 g								
Scale interval	0.05 g								
Maximum speed ¹	400 products/min								
Maximum accuracy (3 σ) 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	5 to 50 mm	5 to 80 mm	5 to 120 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	115 kg	115 kg	117 kg	
Environmental conditions	0° 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 series and M5/duw-h Metal Detector **SSV-h** **M5** **duw-h**

KWS6412 type

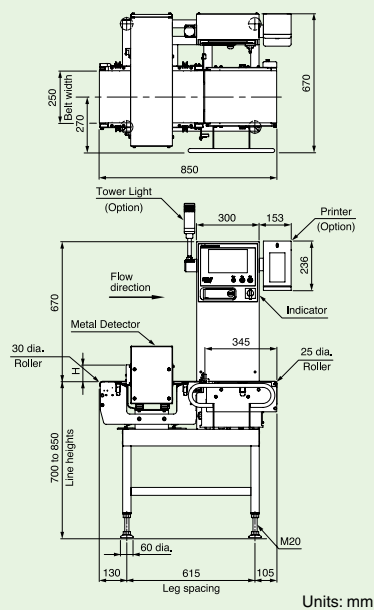
Weighing range : 6 to 3000 g

Maximum accuracy (3 σ) : ± 0.1 g

Maximum speed : 320 products/min

External Dimensions (with M5 series)

KWS6412BF□R
KWS6412BP□R

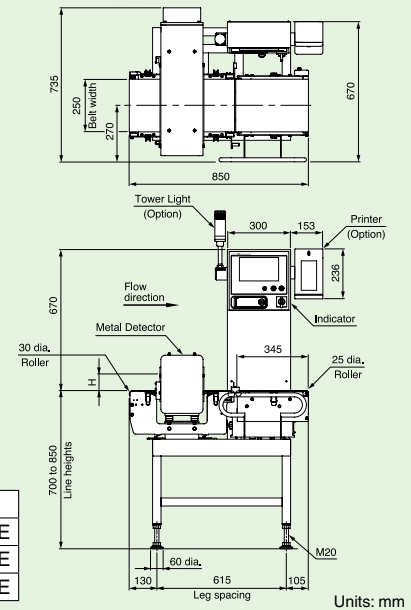


H	Model
50	KWS6412B△2R
80	KWS6412B△3R
120	KWS6412B△4R
150	KWS6412B△5R
180	KWS6412B△6R

Units: mm

External Dimensions (with duw-h series)

KWS6412BF□E
KWS6412BP□E



H	Model
50	KWS6412B△2E
80	KWS6412B△3E
120	KWS6412B△5E

Units: mm

Specifications

Model	KWS6412BF2R	KWS6412BF3R	KWS6412BF4R	KWS6412BF5R	KWS6412BF6R	KWS6412BF2E	KWS6412BF3E	KWS6412BF5E
Weighing range	6 to 3000 g							
Scale interval	0.05 g							
Maximum speed ¹	320 products/min							
Maximum accuracy (3 σ) 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	5 to 50 mm	5 to 80 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	116 kg	116 kg	118 kg
Environmental conditions	0° 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 series and M5/duw-h Metal Detector **SSV-h** **M5** **duw-h**

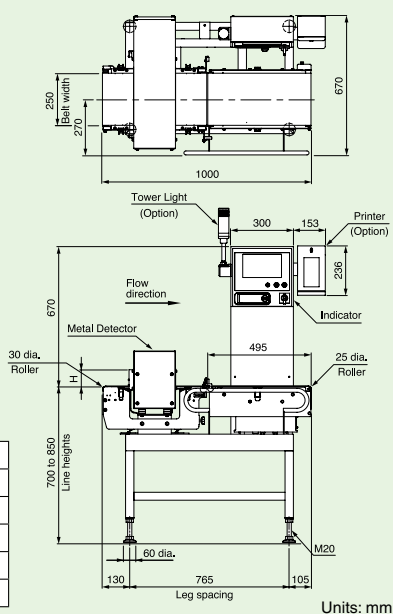
KWS6414 type

 Weighing range : **6 to 3000 g**

 Maximum accuracy (3 σ) : **± 0.1 g**

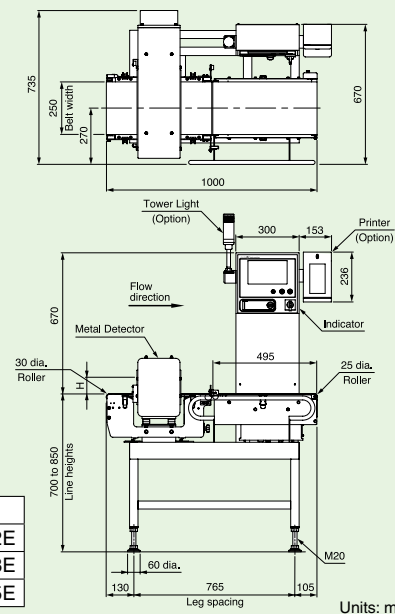
 Maximum speed : **220** products/min

External Dimensions (with M5 series)

 KWS6414BF□R
 KWS6414BP□R


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

External Dimensions (with duw-h series)

 KWS6414BF□E
 KWS6414BP□E


H	Model
50	KWS6414B△2E
80	KWS6414B△3E
120	KWS6414B△5E

Specifications

Model	KWS6414BF2R	KWS6414BF3R	KWS6414BF4R	KWS6414BF5R	KWS6414BF6R	KWS6414BF2E	KWS6414BF3E	KWS6414BF5E
Weighing range	6 to 3000 g							
Scale interval	0.05 g							
Maximum speed ¹	220 products/min							
Maximum accuracy (3 σ) 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	5 to 50 mm	5 to 80 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	117 kg	117 kg	119 kg
Environmental conditions	0° 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 series and M5/duw-h Metal Detector **SSV-h** **M5** **duw-h**

KWS6416 type

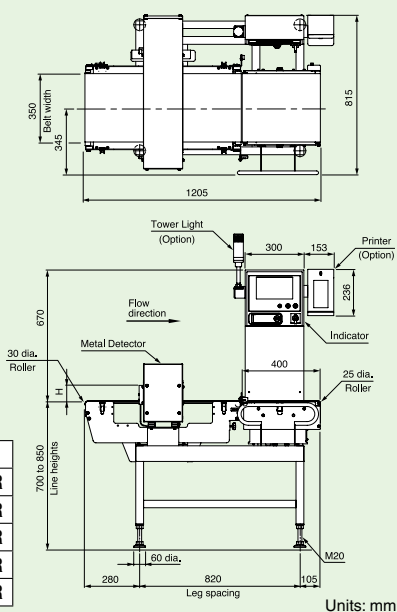
Weighing range : 6 to 3000 g

Maximum accuracy (3σ) : ± 0.1 g

Maximum speed : 210 products/min

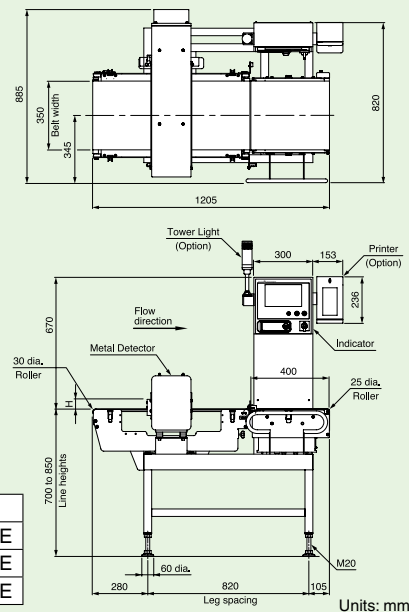
External Dimensions (with M5 series)

KWS6416BF□R
KWS6416BP□R



External Dimensions (with duw-h series)

KWS6416BF□E
KWS6416BP□E



Specifications

Model	KWS6416BF2R	KWS6416BF3R	KWS6416BF4R	KWS6416BF5R	KWS6416BF6R	KWS6416BF2E	KWS6416BF4E	KWS6416BF5E
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	5 to 50 mm	5 to 100 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	146 kg	148 kg	152 kg
Environmental conditions	0° 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 series and M5/duw-h Metal Detector **SSV-h** **M5** **duw-h**

KWS6417 type

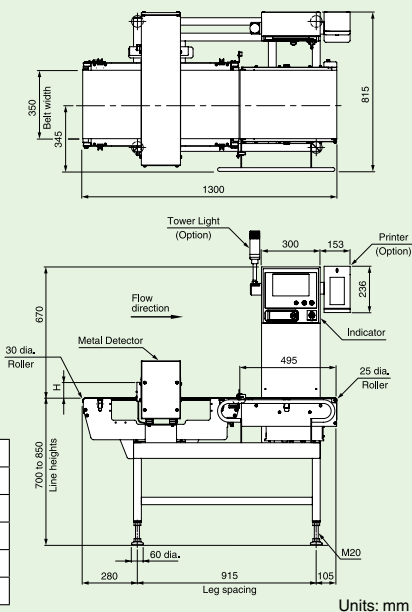
Weighing range : **6 to 3000 g**

Maximum accuracy (3σ) : **± 0.1 g**

Maximum speed : **170 products/min**

External Dimensions (with M5 series)

KWS6417BF□R
KWS6417BP□R

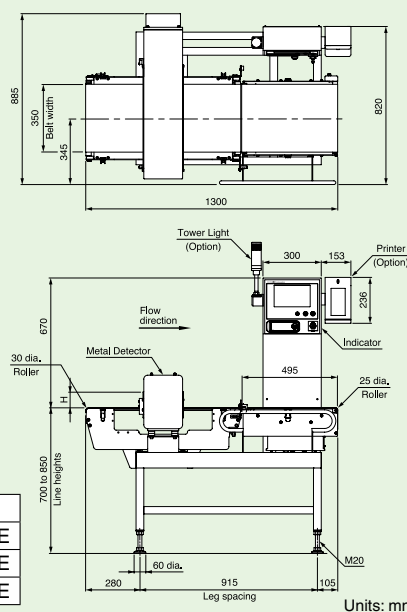


H	Model
50	KWS6417B△2R
100	KWS6417B△3R
130	KWS6417B△4R
150	KWS6417B△5R
180	KWS6417B△6R

Units: mm

External Dimensions (with duw-h series)

KWS6417BF□E
KWS6417BP□E



H	Model
50	KWS6417B△2E
100	KWS6417B△4E
130	KWS6417B△5E

Units: mm

Specifications

Model	KWS6417BF2R	KWS6417BF3R	KWS6417BF4R	KWS6417BF5R	KWS6417BF6R	KWS6417BF2E	KWS6417BF4E	KWS6417BF5E
Model	KWS6417BP2R	KWS6417BP3R	KWS6417BP4R	KWS6417BP5R	KWS6417BP6R	KWS6417BP2E	KWS6417BP4E	KWS6417BP5E
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	5 to 50 mm	5 to 100 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	150 kg	152 kg	156 kg
Environmental conditions	0° 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 series and M5/duw-h Metal Detector SSV-i M5 duw-h

KWS6265 type

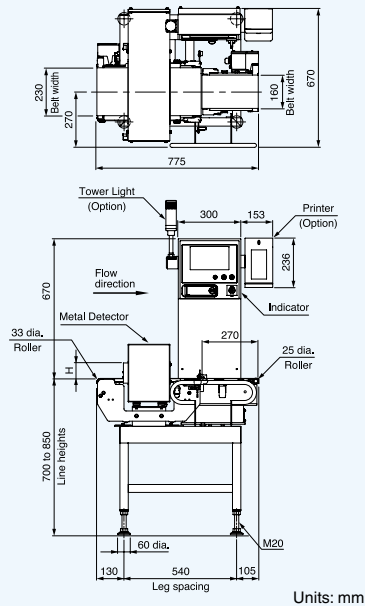
Weighing range : **6 to 600 g**

Maximum accuracy (3 σ) : **± 0.1 g**

Maximum speed : **280** products/min

External Dimensions (with M5 series)

KWS6265BW□R

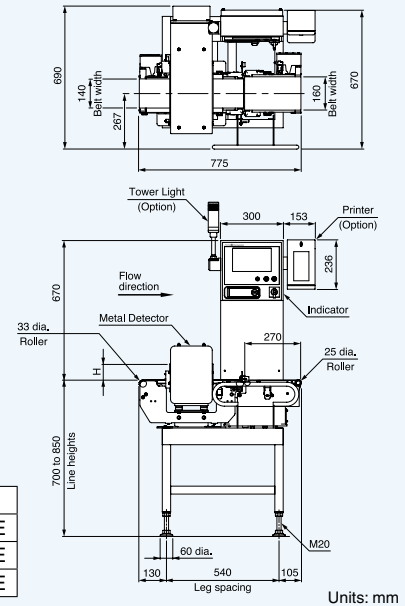


H	Model
45	KWS6265BW2R
75	KWS6265BW3R
115	KWS6265BW4R
145	KWS6265BW5R
175	KWS6265BW6R

Units: mm

External Dimensions (with duw-h series)

KWS6265BW□E



H	Model
45	KWS6265BW2E
75	KWS6265BW3E
95	KWS6265BW4E

Units: mm

Specifications

Model	KWS6265BW2R	KWS6265BW3R	KWS6265BW4R	KWS6265BW5R	KWS6265BW6R	KWS6265BW2E	KWS6265BW3E	KWS6265BW4E
Weighing range	6 to 600 g							
Scale interval	0.01 g							
Maximum speed ¹	280 products/min							
Maximum accuracy (3 σ) 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	5 to 45 mm	5 to 75 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	116 kg	116 kg	117 kg
Environmental conditions	0° 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 series and M5/duw-h Metal Detector SSV-i M5 duw-h

KWS6366 type

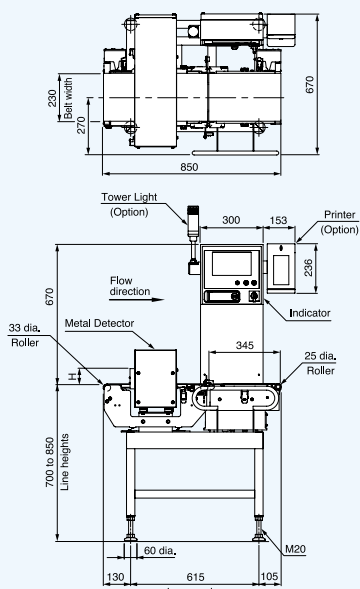
Weighing range : 12 to 1200 g

 Maximum accuracy (3 σ) : ± 0.1 g

Maximum speed : 220 products/min

External Dimensions (with M5 series)

KWS6366BW□R

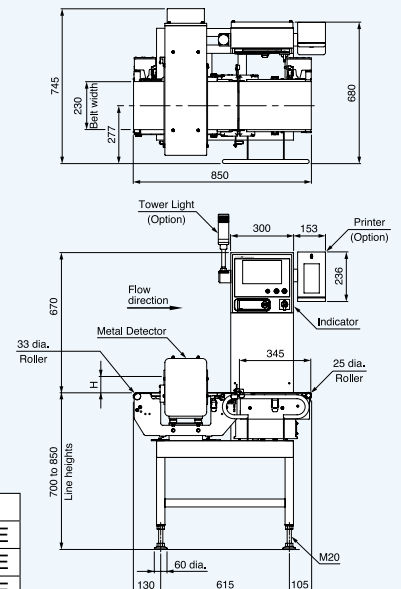


H	Model
45	KWS6366BW2R
75	KWS6366BW3R
115	KWS6366BW4R
145	KWS6366BW5R
175	KWS6366BW6R

Units: mm

External Dimensions (with duw-h series)

KWS6366BW□E



H	Model
45	KWS6366BW2E
75	KWS6366BW3E
115	KWS6366BW5E

Units: mm

Specifications

Model	KWS6366BW2R	KWS6366BW3R	KWS6366BW4R	KWS6366BW5R	KWS6366BW6R	KWS6366BW2E	KWS6366BW3E	KWS6366BW5E
Weighing range	12 to 1200 g							
Scale interval	0.02 g							
Maximum speed ¹	220 products/min							
Maximum accuracy (3 σ) 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	5 to 45 mm	5 to 75 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	121 kg	121 kg	123 kg
Environmental conditions	0° 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 series and M5/duw-h Metal Detector SSV-i M5 duw-h

KWS6472 type

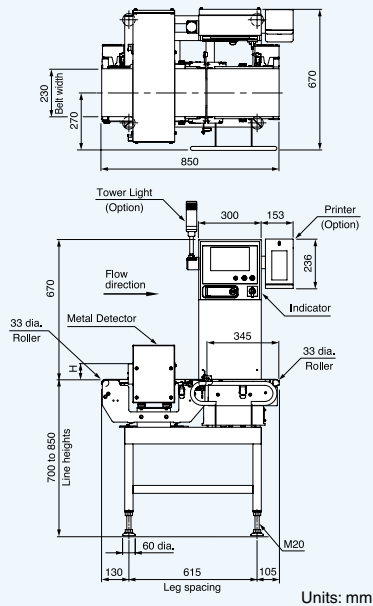
Weighing range : 30 to 3000 g [30 to 1200 g]

Maximum accuracy (3 σ) : ± 0.1 g

Maximum speed : 160 [220] products/min

External Dimensions (with M5 series)

KWS6472BW□R

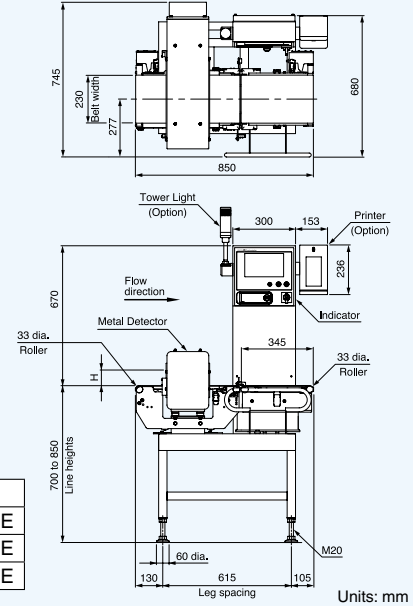


H	Model
45	KWS6472BW2R
75	KWS6472BW3R
115	KWS6472BW4R
145	KWS6472BW5R
175	KWS6472BW6R

Units: mm

External Dimensions (with duw-h series)

KWS6472BW□E



H	Model
45	KWS6472BW2E
75	KWS6472BW3E
115	KWS6472BW5E

Units: mm

Specifications

Model	KWS6472BW2R	KWS6472BW3R	KWS6472BW4R	KWS6472BW5R	KWS6472BW6R	KWS6472BW2E	KWS6472BW3E	KWS6472BW5E
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 (3 σ) 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	5 to 45 mm	5 to 75 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	122 kg	122 kg	124 kg
Environmental conditions	0° 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 series and M5/duw-h Metal Detector SSV-i M5 duw-h

KWS5265 type

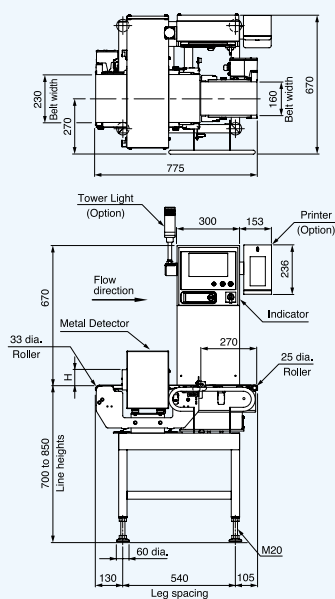
 Weighing range : **6 to 600 g**

 Maximum accuracy (3 σ) : **± 0.2 g**

 Maximum speed : **280 products/min**

External Dimensions (with M5 series)

KWS5265BW□R

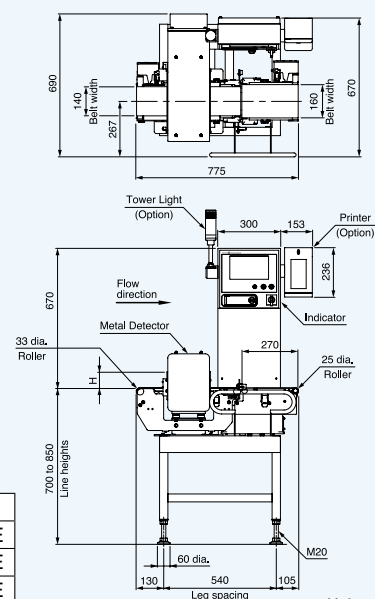


H	Model
45	KWS5265BW2R
75	KWS5265BW3R
115	KWS5265BW4R
145	KWS5265BW5R
175	KWS5265BW6R

Units: mm

External Dimensions (with duw-h series)

KWS5265BW□E



H	Model
45	KWS5265BW2E
75	KWS5265BW3E
95	KWS5265BW4E

Units: mm

Specifications

Model	KWS5265BW2R	KWS5265BW3R	KWS5265BW4R	KWS5265BW5R	KWS5265BW6R	KWS5265BW2E	KWS5265BW3E	KWS5265BW5E
Weighing range	6 to 600 g							
Scale interval	0.05 g							
Maximum speed ¹	280 products/min							
Maximum accuracy (3 σ) 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	5 to 45 mm	5 to 75 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	115 kg	115 kg	116 kg
Environmental conditions	0° 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 series and M5/duw-h Metal Detector SSV-i M5 duw-h

KWS5366 type

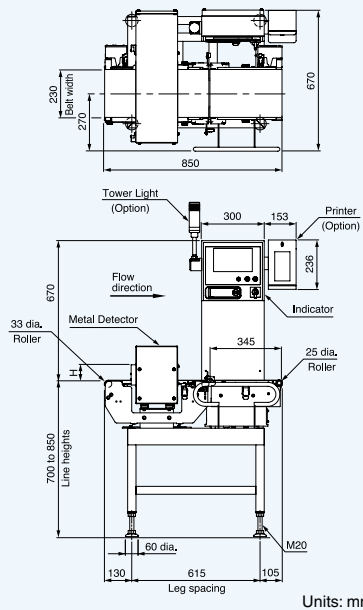
Weighing range : 12 to 1200 g

Maximum accuracy (3 σ) : ± 0.2 g

Maximum speed : 220 products/min

External Dimensions (with M5 series)

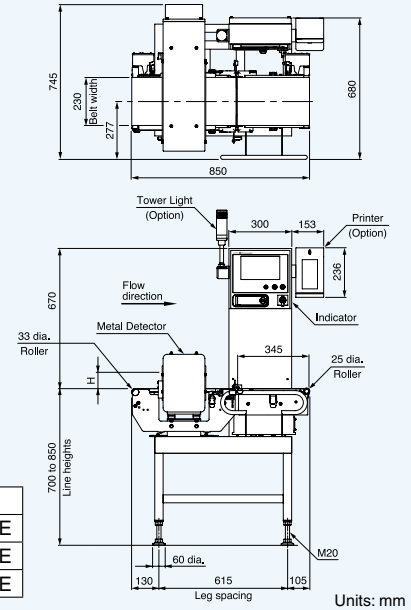
KWS5366BW□R



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

External Dimensions (with duw-h series)

KWS5366BW□E



H	Model
45	KWS5366BW2E
75	KWS5366BW3E
115	KWS5366BW5E

Specifications

Model	KWS5366BW2R	KWS5366BW3R	KWS5366BW4R	KWS5366BW5R	KWS5366BW6R	KWS5366BW2E	KWS5366BW3E	KWS5366BW5E
Weighing range	12 to 1200 g							
Scale interval	0.05 g							
Maximum speed ¹	220 products/min							
Maximum accuracy (3 σ) 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	5 to 45 mm	5 to 75 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	120 kg	120 kg	122 kg
Environmental conditions	0° 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

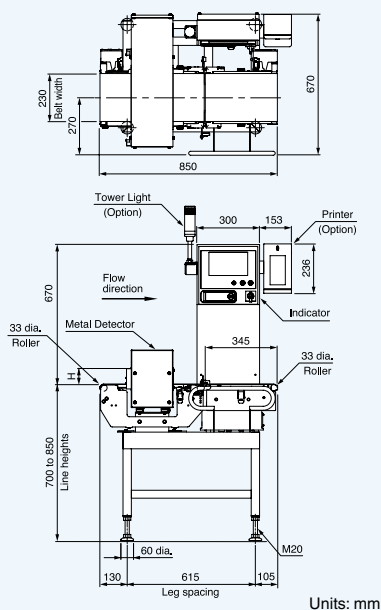
 SSV-i series and M5/duw-h Metal Detector SSV-i M5 duw-h

KWS5472 type

Weighing range : 30 to 3000 g [30 to 1200 g]
Maximum accuracy (3 σ) : ± 0.5 g
Maximum speed : 160 [220] products/min

External Dimensions (with M5 series)

KWS5472BW□R

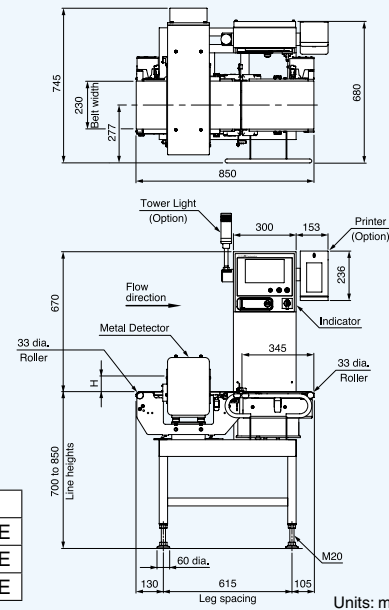


H	Model
45	KWS5472BW2R
75	KWS5472BW3R
115	KWS5472BW4R
145	KWS5472BW5R
175	KWS5472BW6R

Units: mm

External Dimensions (with duw-h series)

KWS5472BW□E



H	Model
45	KWS5472BW2E
75	KWS5472BW3E
115	KWS5472BW5E

Units: mm

Specifications

Model	KWS5472BW2R	KWS5472BW3R	KWS5472BW4R	KWS5472BW5R	KWS5472BW6R	KWS5472BW2E	KWS5472BW3E	KWS5472BW5E
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 (3 σ) 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	5 to 45 mm	5 to 75 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	121 kg	121 kg	123 kg
Environmental conditions	0° 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 series and M5/duw-h Metal Detector

SSV-i
M5
duw-h

KWS5476 type

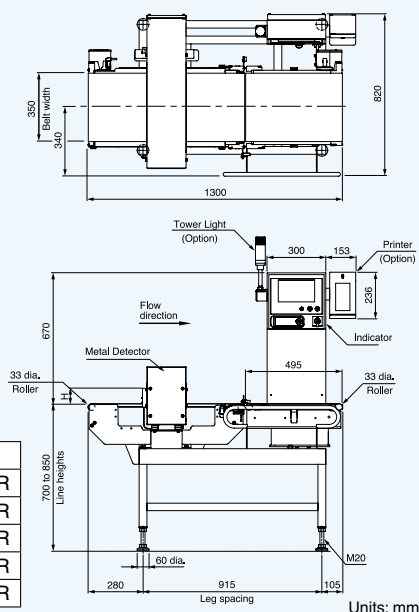
Weighing range : 30 to 3000 g [30 to 1200 g]

Maximum accuracy (3 σ) : ± 0.5 g

Maximum speed : 120 [155] products/min

External Dimensions (with M5 series)

KWS5476BW□R

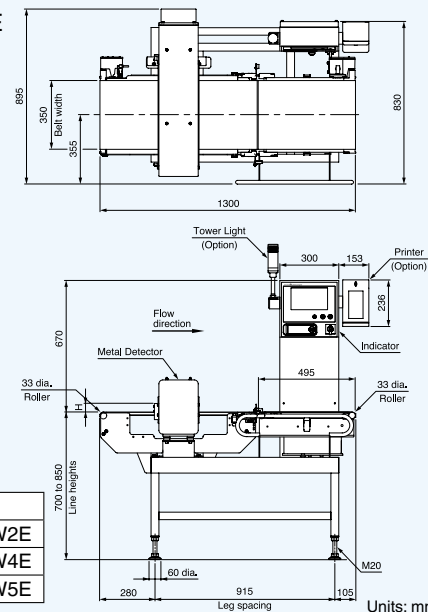


H	Model
45	KWS5476BW2R
95	KWS5476BW3R
125	KWS5476BW4R
145	KWS5476BW5R
175	KWS5476BW6R

Units: mm

External Dimensions (with duw-h series)

KWS5476BW□E



H	Model
45	KWS5476BW2E
95	KWS5476BW4E
125	KWS5476BW5E

Units: mm

Specifications

Model	KWS5476BW2R	KWS5476BW3R	KWS5476BW4R	KWS5476BW5R	KWS5476BW6R	KWS5476BW2E	KWS5476BW4E	KWS5476BW5E
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 (3 σ) 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	5 to 45 mm	5 to 95 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	153 kg	155 kg	159 kg
Environmental conditions	0° 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 series and M5/duw-h Metal Detector SSV-i M5 duw-h

KWS5577 type

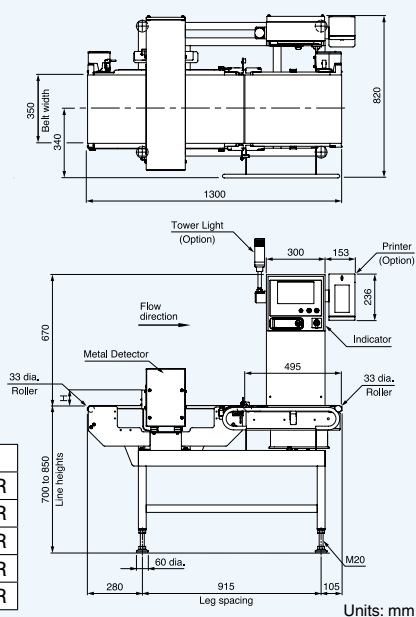
Weighing range : 60 to 6000 g

Maximum accuracy (3 σ) : ± 1.5 g

Maximum speed : 70 products/min

External Dimensions (with M5 series)

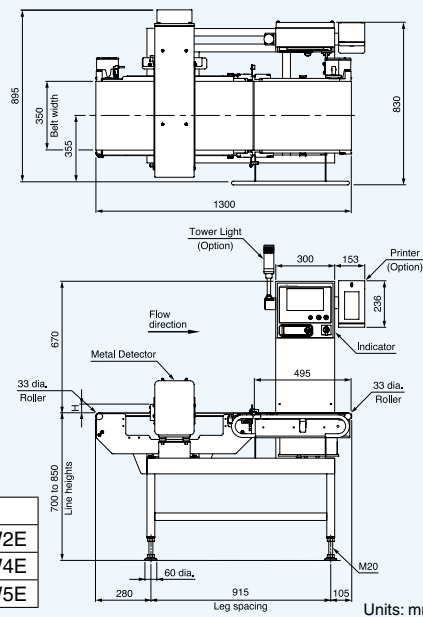
KWS5577BW□R



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

External Dimensions (with duw-h series)

KWS5577BW□E



H	Model
45	KWS5577BW2E
95	KWS5577BW4E
125	KWS5577BW5E

Specifications

Model	KWS5577BW2R	KWS5577BW3R	KWS5577BW4R	KWS5577BW5R	KWS5577BW6R	KWS5577BW2E	KWS5577BW4E	KWS5577BW5E
Weighing range	60 to 6000 g							
Scale interval	0.5 g							
Maximum speed ¹	70 products/min							
Maximum accuracy (3 σ) 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	5 to 45 mm	5 to 95 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	153 kg	155 kg	159 kg
Environmental conditions	0° 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).

Versatile

SSV-f series and M5/duw-h Metal Detector

SSV-f

M5

duw-h

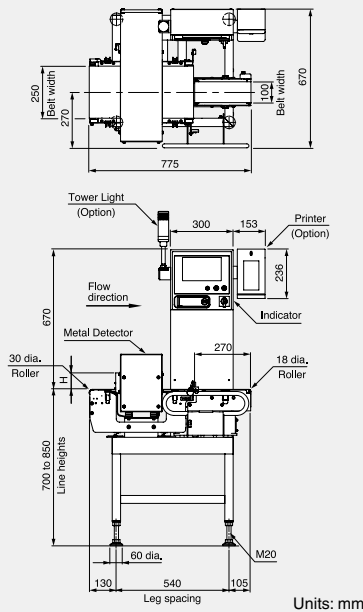
KWS5203 type

Weighing range : 6 to 600 g

 Maximum accuracy (3 σ) : ± 0.2 g

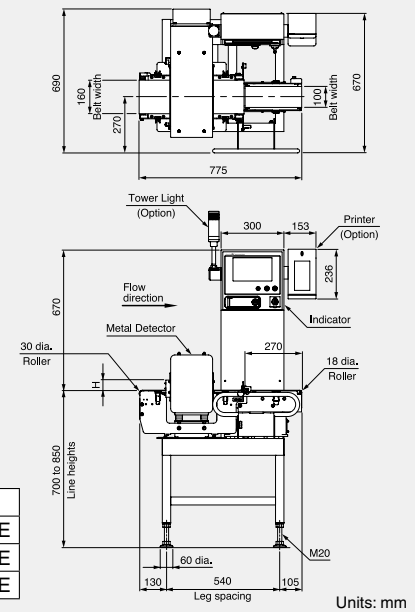
Maximum speed : 350 products/min

External Dimensions (with M5 series)

 KWS5203BF□R
 KWS5203BP□R


Units: mm

External Dimensions (with duw-h series)

 KWS5203BF□E
 KWS5203BP□E


Units: mm

Specifications

Model	KWS5203BF2R	KWS5203BF3R	KWS5203BF4R	KWS5203BF5R	KWS5203BF6R	KWS5203BF2E	KWS5203BF3E	KWS5203BF4E
Model	KWS5203BP2R	KWS5203BP3R	KWS5203BP4R	KWS5203BP5R	KWS5203BP6R	KWS5203BP2E	KWS5203BP3E	KWS5203BP4E
Weighing range	6 to 600 g							
Scale interval	0.05 g							
Maximum speed ¹	350 products/min							
Maximum accuracy (3 σ) 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 120 mm	5 to 150 mm	5 to 180 mm	5 to 50 mm	5 to 80 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	108 kg	108 kg	109 kg
Environmental conditions	0° 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 series and M5/duw-h Metal Detector

SSV-f

M5

duw-h

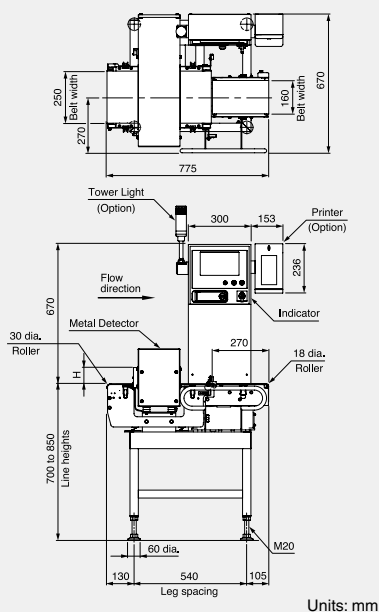
KWS5205 type

Weighing range : 6 to 600 g

 Maximum accuracy (3 σ) : ± 0.2 g

Maximum speed : 350 products/min

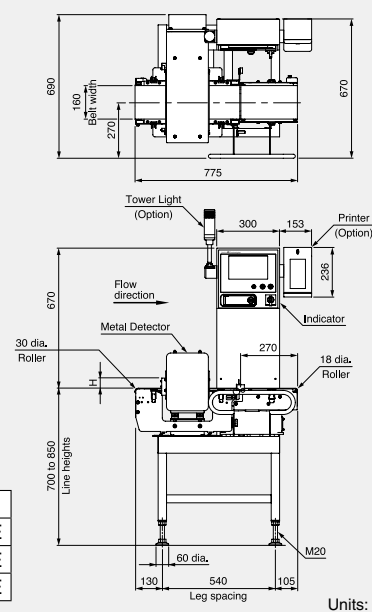
External Dimensions (with M5 series)

 KWS5205BF□R
 KWS5205BP□R


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

Units: mm

External Dimensions (with duw-h series)

 KWS5205BF□E
 KWS5205BP□E


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

Units: mm

Specifications

Model	KWS5205BF2R	KWS5205BF3R	KWS5205BF4R	KWS5205BF5R	KWS5205BF6R	KWS5205BF2E	KWS5205BF3E	KWS5205BF4E
Model	KWS5205BP2R	KWS5205BP3R	KWS5205BP4R	KWS5205BP5R	KWS5205BP6R	KWS5205BP2E	KWS5205BP3E	KWS5205BP4E
Weighing range	6 to 600 g							
Scale interval	0.05 g							
Maximum speed ¹	350 products/min							
Maximum accuracy (3 σ) 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 120 mm	5 to 150 mm	5 to 180 mm	5 to 50 mm	5 to 80 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	108 kg	108 kg	109 kg
Environmental conditions	0° 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 series and M5/duw-h Metal Detector

SSV-f

M5

duw-h

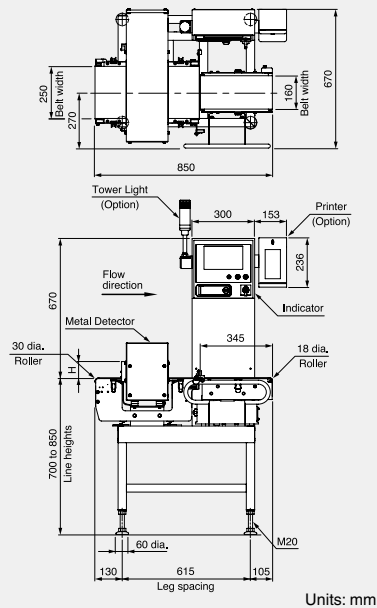
KWS5206 type

Weighing range : 6 to 600 g

 Maximum accuracy (3 σ) : ± 0.2 g

Maximum speed : 320 products/min

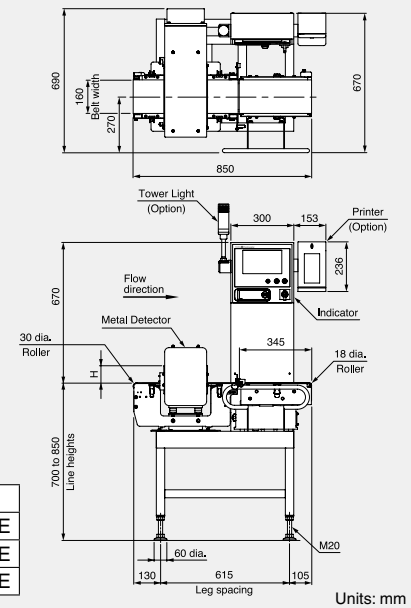
External Dimensions (with M5 series)

 KWS5206BF□R
 KWS5206BP□R


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

Units: mm

External Dimensions (with duw-h series)

 KWS5206BF□E
 KWS5206BP□E


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

Units: mm

Specifications

Model	KWS5206BF2R	KWS5206BF3R	KWS5206BF4R	KWS5206BF5R	KWS5206BF6R	KWS5206BF2E	KWS5206BF3E	KWS5206BF4E
Model	KWS5206BP2R	KWS5206BP3R	KWS5206BP4R	KWS5206BP5R	KWS5206BP6R	KWS5206BP2E	KWS5206BP3E	KWS5206BP4E
Weighing range	6 to 600 g							
Scale interval	0.05 g							
Maximum speed ¹	320 products/min							
Maximum accuracy (3 σ) 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	5 to 50 mm	5 to 80 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	108 kg	108 kg	109 kg
Environmental conditions	0° 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 series and M5/duw-h Metal Detector

SSV-f

M5

duw-h

KWS5411 type

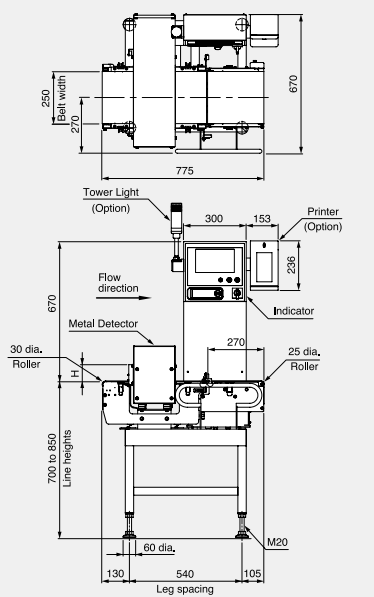
Weighing range : 12 to 3000 g

Maximum accuracy (3σ) : ± 0.2 g

Maximum speed : 320 products/min

External Dimensions (with M5 series)

KWS5411BF□R
KWS5411BP□R

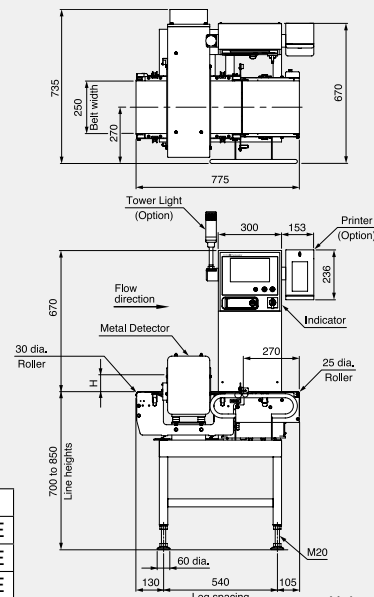


H	Model
50	KWS5411B△2R
80	KWS5411B△3R
120	KWS5411B△4R
150	KWS5411B△5R
180	KWS5411B△6R

Units: mm

External Dimensions (with duw-h series)

KWS5411BF□E
KWS5411BP□E



H	Model
50	KWS5411B△2E
80	KWS5411B△3E
120	KWS5411B△5E

Units: mm

Specifications

Model	KWS5411BF2R	KWS5411BF3R	KWS5411BF4R	KWS5411BF5R	KWS5411BF6R	KWS5411BF2E	KWS5411BF3E	KWS5411BF5E
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 120 mm	5 to 150 mm	5 to 180 mm	5 to 50 mm	5 to 80 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	114 kg	114 kg	116 kg
Environmental conditions	0° 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 series and M5/duw-h Metal Detector

SSV-f

M5

duw-h

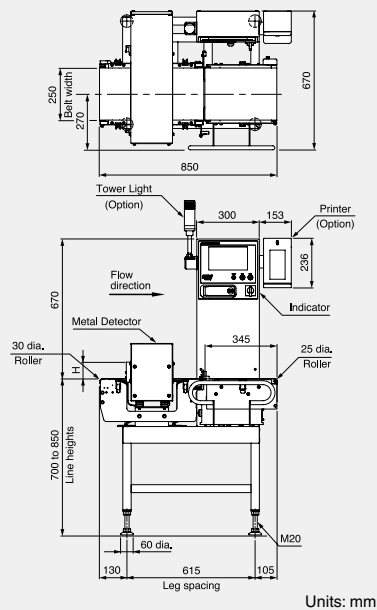
KWS5412 type

Weighing range : 12 to 3000 g

 Maximum accuracy (3 σ) : ± 0.2 g

Maximum speed : 320 products/min

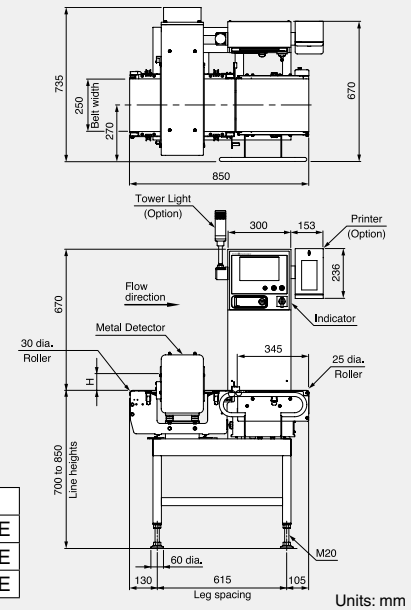
External Dimensions (with M5 series)

 KWS5412BF□R
 KWS5412BP□R


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

Units: mm

External Dimensions (with duw-h series)

 KWS5412BF□E
 KWS5412BP□E


H	Model
50	KWS5412B△2E
80	KWS5412B△3E
120	KWS5412B△5E

Units: mm

Specifications

Model	KWS5412BF2R	KWS5412BF3R	KWS5412BF4R	KWS5412BF5R	KWS5412BF6R	KWS5412BF2E	KWS5412BF3E	KWS5412BF5E
	KWS5412BP2R	KWS5412BP3R	KWS5412BP4R	KWS5412BP5R	KWS5412BP6R	KWS5412BP2E	KWS5412BP3E	KWS5412BP5E
Weighing range	12 to 3000 g							
Scale interval	0.1 g							
Maximum speed ¹	320 products/min							
Maximum accuracy (3 σ) 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	5 to 50 mm	5 to 80 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	115 kg	115 kg	116 kg
Environmental conditions	0° 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 series and M5/duw-h Metal Detector

SSV-f

M5

duw-h

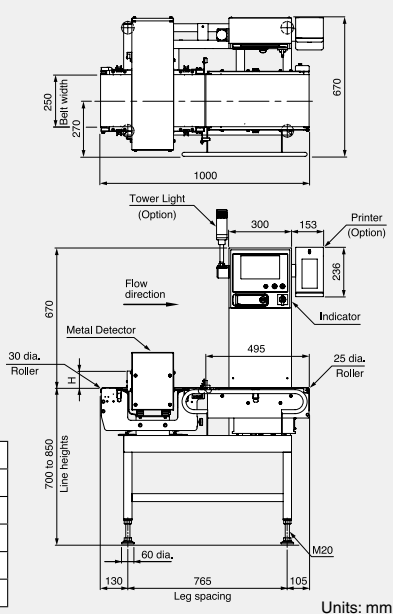
KWS5414 type

Weighing range : 12 to 3000 g

 Maximum accuracy (3 σ) : ± 0.2 g

Maximum speed : 220 products/min

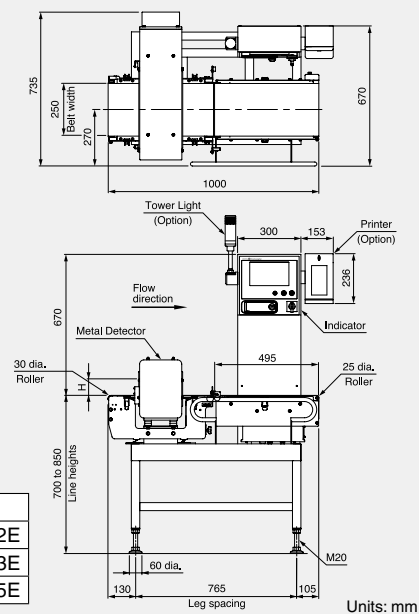
External Dimensions (with M5 series)

 KWS5414BF□R
 KWS5414BP□R


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

Units: mm

External Dimensions (with duw-h series)

 KWS5414BF□E
 KWS5414BP□E


H	Model
50	KWS5414B△2E
80	KWS5414B△3E
120	KWS5414B△5E

Units: mm

Specifications

Model	KWS5414BF2R	KWS5414BF3R	KWS5414BF4R	KWS5414BF5R	KWS5414BF6R	KWS5414BF2E	KWS5414BF3E	KWS5414BF5E
Model	KWS5414BP2R	KWS5414BP3R	KWS5414BP4R	KWS5414BP5R	KWS5414BP6R	KWS5414BP2E	KWS5414BP3E	KWS5414BP5E
Weighing range	12 to 3000 g							
Scale interval	0.1 g							
Maximum speed ¹	220 products/min							
Maximum accuracy (3 σ) 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	5 to 50 mm	5 to 80 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	116 kg	116 kg	118 kg
Environmental conditions	0° 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 series and M5/duw-h Metal Detector

SSV-f

M5

duw-h

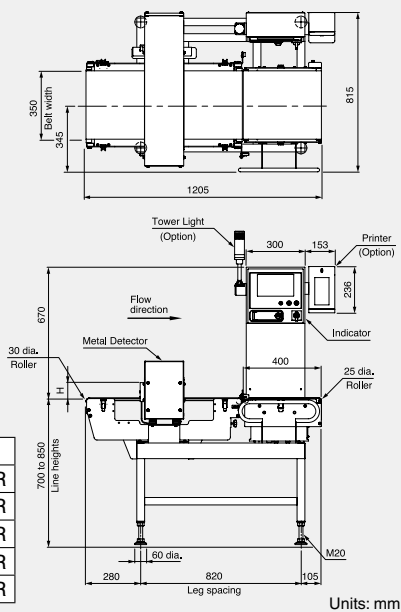
KWS5416 type

Weighing range : 12 to 3000 g

 Maximum accuracy (3 σ) : ± 0.5 g

Maximum speed : 210 products/min

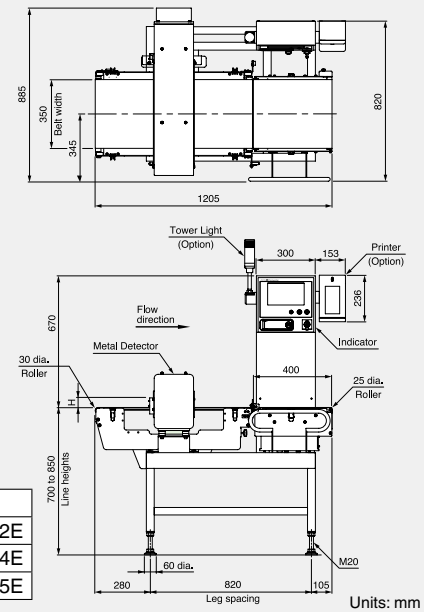
External Dimensions (with M5 series)

 KWS5416BF□R
 KWS5416BP□R


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

Units: mm

External Dimensions (with duw-h series)

 KWS5416BF□E
 KWS5416BP□E


H	Model
50	KWS5416B△2E
100	KWS5416B△4E
130	KWS5416B△5E

Units: mm

Specifications

Model	KWS5416BF2R	KWS5416BF3R	KWS5416BF4R	KWS5416BF5R	KWS5416BF6R	KWS5416BF2E	KWS5416BF4E	KWS5416BF5E
Model	KWS5416BP2R	KWS5416BP3R	KWS5416BP4R	KWS5416BP5R	KWS5416BP6R	KWS5416BP2E	KWS5416BP4E	KWS5416BP5E
Weighing range	12 to 3000 g							
Scale interval	0.1 g							
Maximum speed ¹	210 products/min							
Maximum accuracy (3 σ) 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	5 to 50 mm	5 to 100 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 g	145 kg	144 kg	146 kg	150 kg
Environmental conditions	0° 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 series and M5/duw-h Metal Detector

SSV-f

M5

duw-h

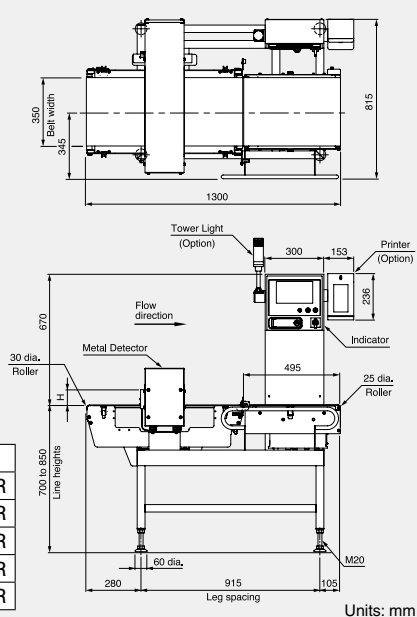
KWS5417 type

Weighing range : 12 to 3000 g

 Maximum accuracy (3 σ) : ± 0.5 g

Maximum speed : 170 products/min

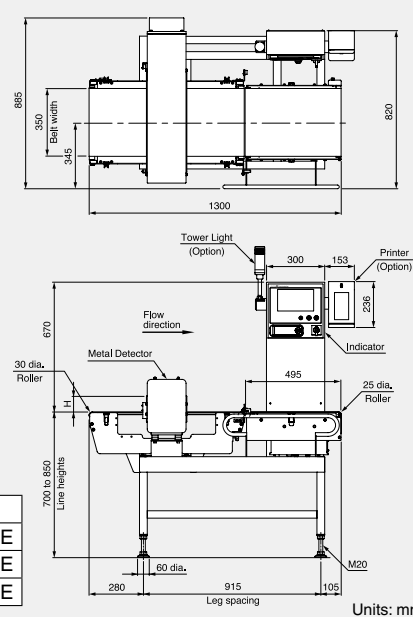
External Dimensions (with M5 series)

 KWS5417BF□R
 KWS5417BP□R


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

Units: mm

External Dimensions (with duw-h series)

 KWS5417BF□E
 KWS5417BP□E


H	Model
50	KWS5417B△2E
100	KWS5417B△4E
130	KWS5417B△5E

Units: mm

Specifications

Model	KWS5417BF2R	KWS5417BF3R	KWS5417BF4R	KWS5417BF5R	KWS5417BF6R	KWS5417BF2E	KWS5417BF4E	KWS5417BF5E
	KWS5417BP2R	KWS5417BP3R	KWS5417BP4R	KWS5417BP5R	KWS5417BP6R	KWS5417BP2E	KWS5417BP4E	KWS5417BP5E
Weighing range	12 to 3000 g							
Scale interval	0.1 g							
Maximum speed ¹	170 products/min							
Maximum accuracy (3 σ) 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	5 to 50 mm	5 to 100 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	148 kg	150 kg	154 kg
Environmental conditions	0° 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 series and M5/duw-h Metal Detector

SSV-f

M5

duw-h

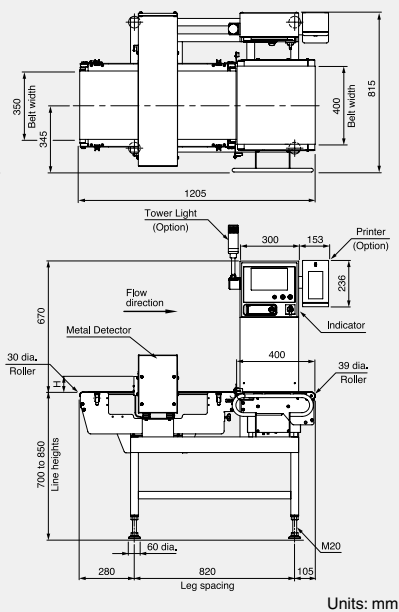
KWS5522 type

Weighing range : 60 to 6000 g

 Maximum accuracy (3 σ) : ± 1.5 g

Maximum speed : 130 products/min

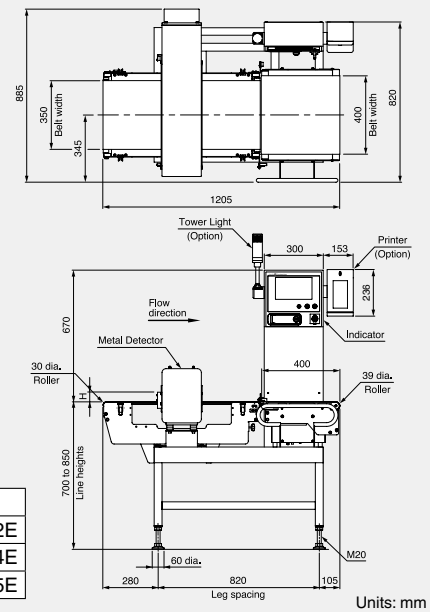
External Dimensions (with M5 series)

 KWS5522BF□R
 KWS5522BP□R


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

Units: mm

External Dimensions (with duw-h series)

 KWS5522BF□E
 KWS5522BP□E


H	Model
50	KWS5522B△2E
100	KWS5522B△4E
130	KWS5522B△5E

Units: mm

Specifications

Model	KWS5522BF2R	KWS5522BF3R	KWS5522BF4R	KWS5522BF5R	KWS5522BF6R	KWS5522BF2E	KWS5522BF4E	KWS5522BF5E
Model	KWS5522BP2R	KWS5522BP3R	KWS5522BP4R	KWS5522BP5R	KWS5522BP6R	KWS5522BP2E	KWS5522BP4E	KWS5522BP5E
Weighing range	60 to 6000 g							
Scale interval	0.5 g							
Maximum speed ¹	130 products/min							
Maximum accuracy (3 σ) 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	5 to 50 mm	5 to 100 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	148 kg	150 kg	154 kg
Environmental conditions	0° 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 series and M5/duw-h Metal Detector **SSV-f** **M5** **duw-h**

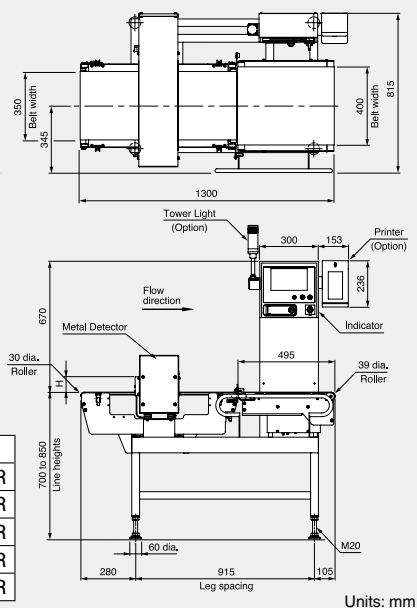
KWS5524 type

Weighing range : 60 to 6000 g

 Maximum accuracy (3 σ) : ± 1.5 g

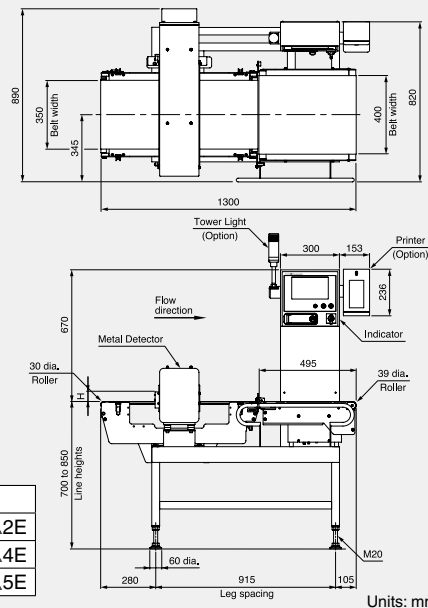
Maximum speed : 110 products/min

External Dimensions (with M5 series)

 KWS5524BF□R
 KWS5524BP□R


Units: mm

External Dimensions (with duw-h series)

 KWS5524BF□E
 KWS5524BP□E


Units: mm

Specifications

Model	KWS5524BF2R	KWS5524BF3R	KWS5524BF4R	KWS5524BF5R	KWS5524BF6R	KWS5524BF2E	KWS5524BF4E	KWS5524BF5E
Model	KWS5524BP2R	KWS5524BP3R	KWS5524BP4R	KWS5524BP5R	KWS5524BP6R	KWS5524BP2E	KWS5524BP4E	KWS5524BP5E
Weighing range	60 to 6000 g							
Scale interval	0.5 g							
Maximum speed ¹	110 products/min							
Maximum accuracy (3 σ) 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	5 to 50 mm	5 to 100 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	152 kg	154 kg	158 kg
Environmental conditions	0° 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).



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ISO 9001 CERTIFICATE No.JQA-0316



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- 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.

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