Anritsu

SSV series

Combination Checkweigher

and Metal Detector

☑ **SSV**-h,i,f **+duw**

☑ **SSV**-h,i,f **+duw-h**

☐ SSV-h,i,f

SSV series

Combination Checkweigher
and Metal Detector

Stainless steel type

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	☑ duw	☑ duw-h

Painted type

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	☑ duw	☑ 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	☑ Stainless steel	☑ Painted
Conveyor	☐ Waterproof	☑ Non waterproof
Balance	☐ Force balance	☑ Strain gauge
Frame	☑ Stainless steel	☑ Painted
Metal Detector Selectin	☑ duw	☑ 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.

Standard
duw

Simultaneous dual frequency metal detection — optimized for both Stainless Steel and Ferrous Metals at the same time.

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)	3D	4D	5D	6D	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 duw/duw-h Metal Detector `SSV-h` `duw` `duw-h`
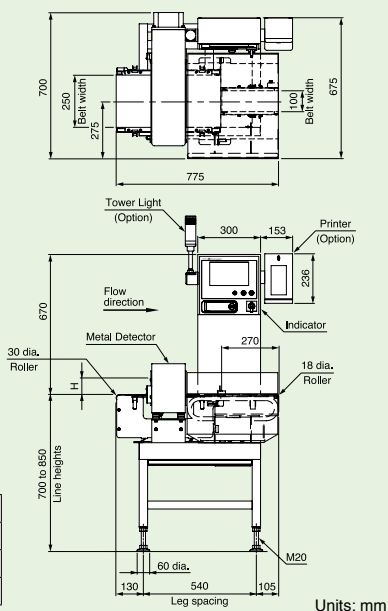
KWS6003 type

Weighing range : **0.4 to 100 g**

Maximum accuracy (3σ) : **± 0.01 g**
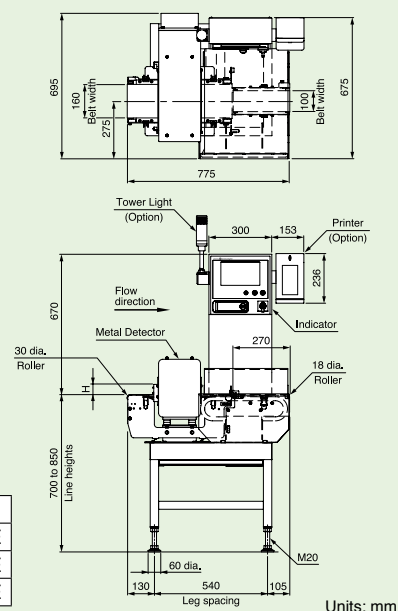
Maximum speed : **310** products/min

■ External Dimensions (with duw series)

KWS6003BF□D
KWS6003BP□D

H	Model
80	KWS6003B△3D
120	KWS6003B△5D
180	KWS6003B△6D

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	KWS6003BF3D / KWS6003BF5D / KWS6003BF6D KWS6003BP3D / KWS6003BP5D / KWS6003BP6D		KWS6003BF2E / KWS6003BF3E / KWS6003BF4E KWS6003BP2E / KWS6003BP3E / KWS6003BP4E
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	**3D:** 5 to 80 mm **5D:** 5 to 120 mm **6D:** 5 to 180 mm	**2E:** 5 to 50 mm **3E:** 5 to 80 mm **4E:** 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	**3D:** 98 kg **5D:** 100 kg **6D:** 101 kg		**2E:** 108 kg **3E:** 108 kg **4E:** 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 duw/duw-h Metal Detector `SSV-h` `duw` `duw-h`

KWS6005 type
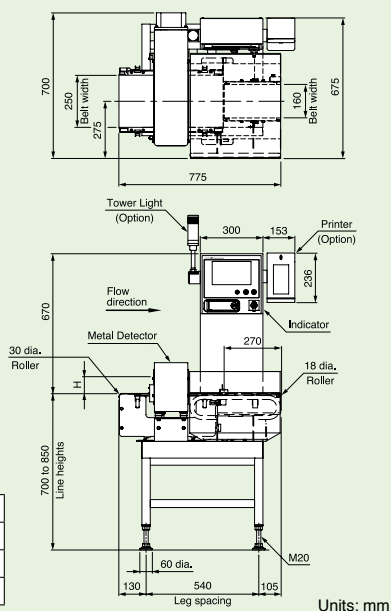
Weighing range : **0.4 to 100 g**

Maximum accuracy (3σ) : **± 0.01 g**

Maximum speed : **310** products/min

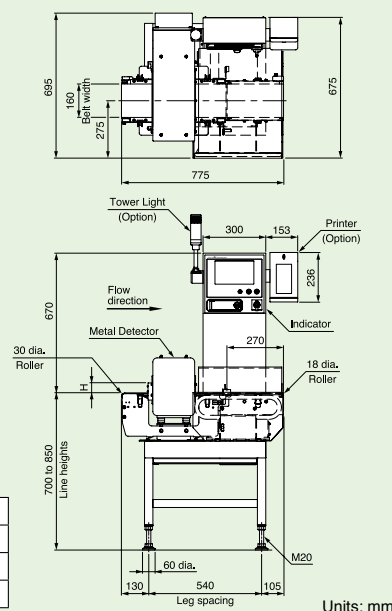### ■ External Dimensions (with duw series)

KWS6005BF□D
KWS6005BP□D

H	Model
80	KWS6005B△3D
120	KWS6005B△5D
180	KWS6005B△6D

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	KWS6005BF3D / KWS6005BF5D / KWS6005BF6D KWS6005BP3D / KWS6005BP5D / KWS6005BP6D		KWS6005BF2E / KWS6005BF3E / KWS6005BF4E KWS6005BP2E / KWS6005BP3E / KWS6005BP4E
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	**3D:** 5 to 80 mm **5D:** 5 to 120 mm **6D:** 5 to 180 mm		**2E:** 5 to 50 mm **3E:** 5 to 80 mm **4E:** 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	**3D:** 98 kg **5D:** 100 kg **6D:** 101 kg		**2E:** 108 kg **3E:** 108 kg **4E:** 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 duw/duw-h Metal Detector SSV-h duw duw-h

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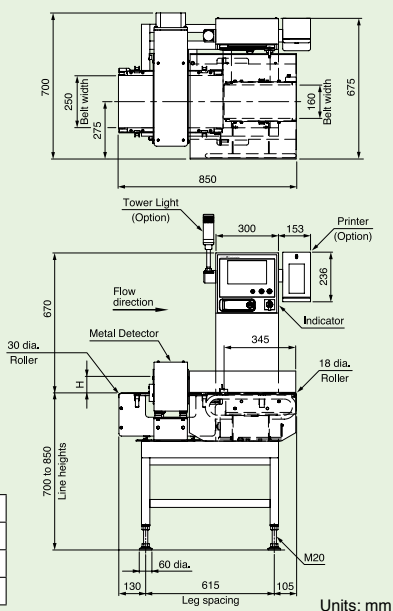SSV-i series
SSV-f series

KWS6006 type

Weighing range : **0.4 to 100 g**

Maximum accuracy (3σ) : **± 0.01 g**

Maximum speed : **320** products/min

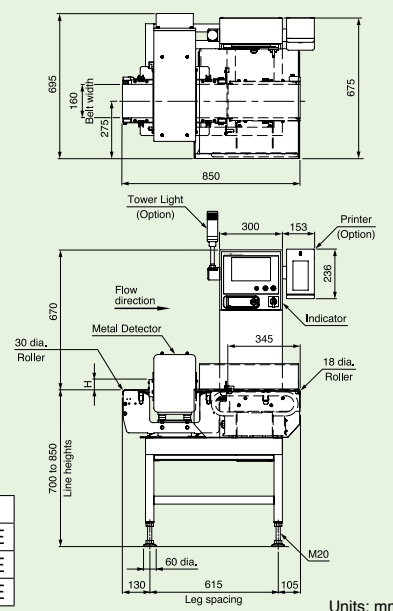### ■ External Dimensions (with duw series)

KWS6006BF□D
KWS6006BP□D

H	Model
80	KWS6006B△3D
120	KWS6006B△5D
180	KWS6006B△6D

Units: mm

■ External Dimensions (with duw-h series)

KWS6006BF□E
KWS6006BP□E

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

Units: mm

■ Specifications

Model	KWS6006BF3D / KWS6006BF5D / KWS6006BF6D KWS6006BP3D / KWS6006BP5D / KWS6006BP6D		KWS6006BF2E / KWS6006BF3E / KWS6006BF4E KWS6006BP2E / KWS6006BP3E / KWS6006BP4E	
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	**3D:** 5 to 80 mm **5D:** 5 to 120 mm **6D:** 5 to 180 mm	**2E:** 5 to 50 mm **3E:** 5 to 80 mm **4E:** 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	**3D:** 98 kg **5D:** 100 kg **6D:** 101 kg	**2E:** 108 kg **3E:** 108 kg **4E:** 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

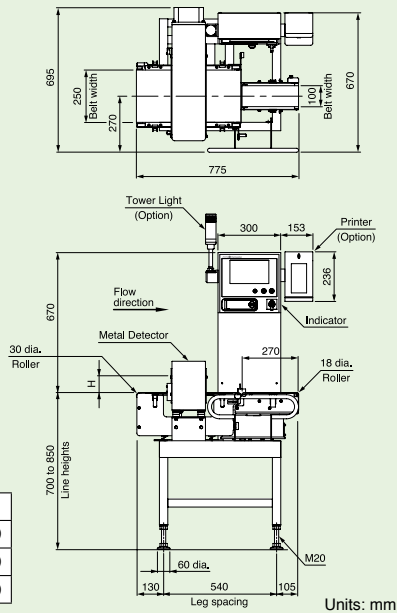## SSV-h series and duw/duw-h Metal Detector `SSV-h` `duw` `duw-h`

KWS6203 type

Weighing range : 1.2 to 600 g

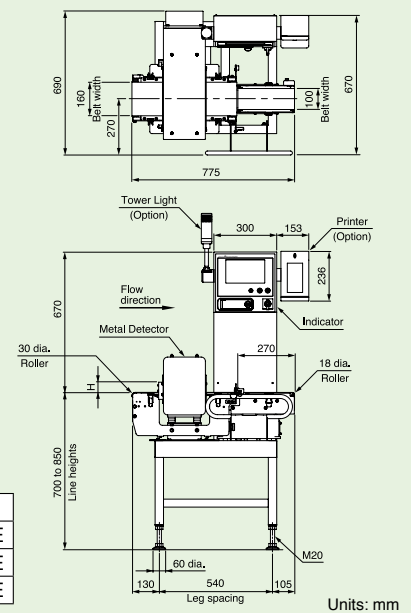**Maximum accuracy (3σ) : ± 0.015 g**

Maximum speed : 400 products/min

■ External Dimensions (with duw series)

KWS6203BF□D
KWS6203BP□D

H	Model
80	KWS6203B△3D
120	KWS6203B△5D
180	KWS6203B△6D

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	KWS6203BF3D / KWS6203BF5D / KWS6203BF6D KWS6203BP3D / KWS6203BP5D / KWS6203BP6D	KWS6203BF2E / KWS6203BF3E / KWS6203BF4E KWS6203BP2E / KWS6203BP3E / KWS6203BP4E
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	
Product size [2] Length L	58 to 230 mm	
Product size [2] Height H	**3D:** 5 to 80 mm **5D:** 5 to 120 mm **6D:** 5 to 180 mm	**2E:** 5 to 50 mm **3E:** 5 to 80 mm **4E:** 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	**3D:** 98 kg **5D:** 100 kg **6D:** 101 kg	**2E:** 108 kg **3E:** 108 kg **4E:** 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 duw/duw-h Metal Detector `SSV-h` `duw` `duw-h`

KWS6205 type
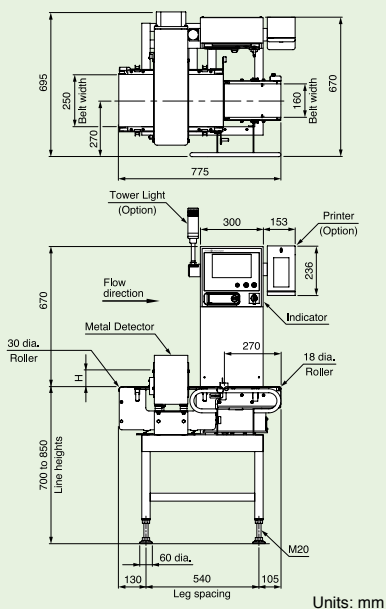
Weighing range : 1.2 to 600 g

Maximum accuracy (3σ) : ± 0.015 g

Maximum speed : 400 products/min

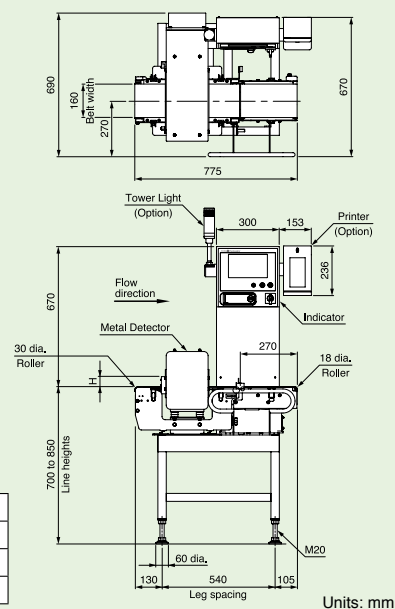### ■ External Dimensions (with duw series)

KWS6205BF☐D
KWS6205BP☐D

H	Model
80	KWS6205B△3D
120	KWS6205B△5D
180	KWS6205B△6D

Units: mm

■ External Dimensions (with duw-h series)

KWS6205BF☐E
KWS6205BP☐E

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

Units: mm

■ Specifications

Model		KWS6205BF3D / KWS6205BF5D / KWS6205BF6D KWS6205BP3D / KWS6205BP5D / KWS6205BP6D	KWS6205BF2E / KWS6205BF3E / KWS6205BF4E KWS6205BP2E / KWS6205BP3E / KWS6205BP4E
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	**3D:** 5 to 80 mm **5D:** 5 to 120 mm **6D:** 5 to 180 mm	**2E:** 5 to 50 mm **3E:** 5 to 80 mm **4E:** 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		**3D:** 98 kg **5D:** 100 kg **6D:** 101 kg	**2E:** 108 kg **3E:** 108 kg **4E:** 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 duw/duw-h Metal Detector   SSV-h duw duw-h

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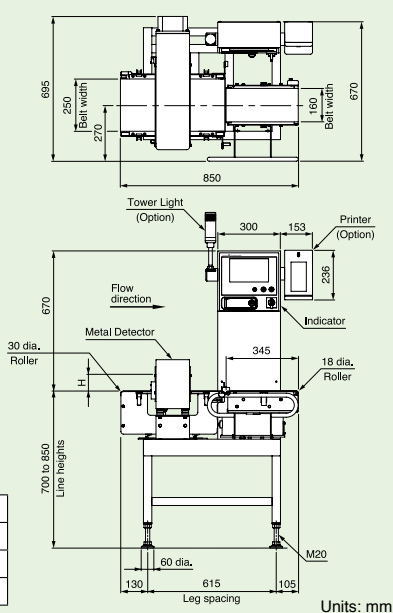SSV-i series
SSV-f series

KWS6206 type

Weighing range : **1.2 to 600 g**

Maximum accuracy (3σ) : **± 0.015 g**

Maximum speed : **320** products/min

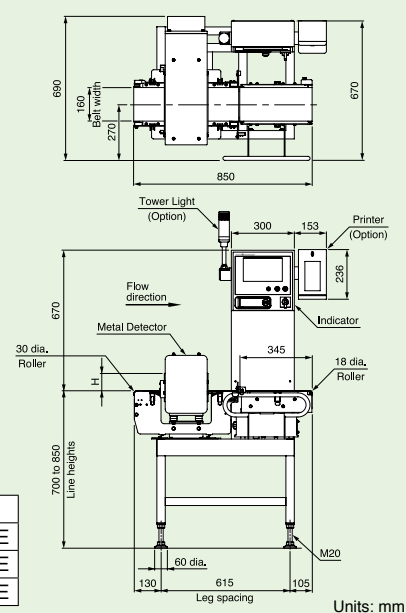### ■ External Dimensions (with duw series)

KWS6206BF□D
KWS6206BP□D

H	Model
80	KWS6206B△3D
120	KWS6206B△5D
180	KWS6206B△6D

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	KWS6206BF3D / KWS6206BF5D / KWS6206BF6D KWS6206BP3D / KWS6206BP5D / KWS6206BP6D		KWS6206BF2E / KWS6206BF3E / KWS6206BF4E KWS6206BP2E / KWS6206BP3E / KWS6206BP4E
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	**3D:** 5 to 80 mm **5D:** 5 to 120 mm **6D:** 5 to 180 mm	**2E:** 5 to 50 mm **3E:** 5 to 80 mm **4E:** 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	**3D:** 98 kg **5D:** 100 kg **6D:** 101 kg		**2E:** 108 kg **3E:** 108 kg **4E:** 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

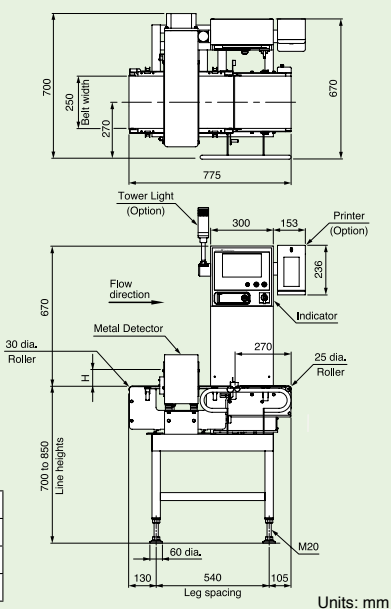## SSV-h series and duw/duw-h Metal Detector `SSV-h` `duw` `duw-h`

KWS6411 type

Weighing range : **6 to 3000 g**

Maximum accuracy (3σ) : **± 0.1 g**

Maximum speed : **400** products/min
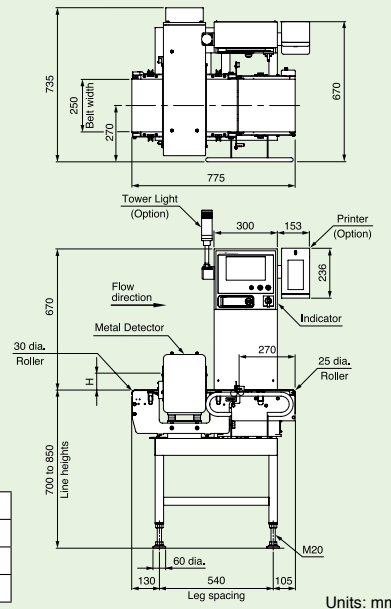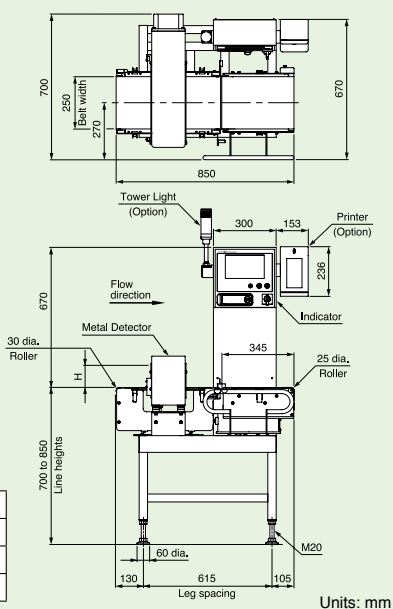
■ External Dimensions (with duw series)

KWS6411BF□D
KWS6411BP□D

H	Model
80	KWS6411B△3D
120	KWS6411B△5D
180	KWS6411B△6D

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	KWS6411BF3D / KWS6411BF5D / KWS6411BF6D KWS6411BP3D / KWS6411BP5D / KWS6411BP6D		KWS6411BF2E / KWS6411BF3E / KWS6411BF5E KWS6411BP2E / KWS6411BP3E / KWS6411BP5E
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	**3D:** 5 to 80 mm **5D:** 5 to 120 mm **6D:** 5 to 180 mm	**2E:** 5 to 50 mm **3E:** 5 to 80 mm **5E:** 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	**3D:** 101 kg **5D:** 103 kg **6D:** 104 kg	**2E:** 115 kg **3E:** 115 kg **5E:** 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).

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

High Accuracy

SSV-h series and duw/duw-h Metal Detector `SSV-h` `duw` `duw-h`

KWS6412 type

Weighing range : **6 to 3000 g**

Maximum accuracy (3σ) : **± 0.1 g**
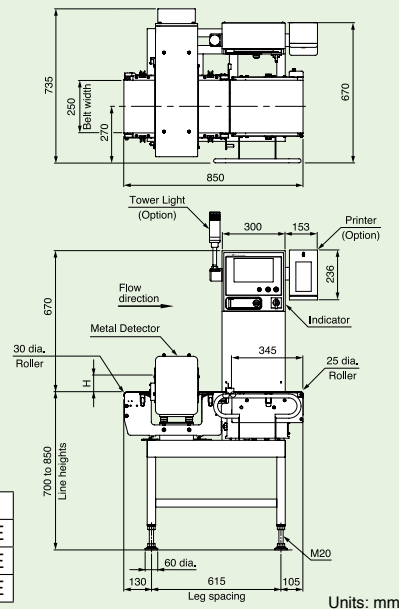
Maximum speed : **320** products/min

■ External Dimensions (with duw series)

KWS6412BF□D
KWS6412BP□D

H	Model
80	KWS6412B△3D
120	KWS6412B△5D
180	KWS6412B△6D

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	KWS6412BF3D / KWS6412BF5D / KWS6412BF6D KWS6412BP3D / KWS6412BP5D / KWS6412BP6D		KWS6412BF2E / KWS6412BF3E / KWS6412BF5E KWS6412BP2E / KWS6412BP3E / KWS6412BP5E
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	**3D:** 5 to 80 mm **5D:** 5 to 120 mm **6D:** 5 to 180 mm	**2E:** 5 to 50 mm **3E:** 5 to 80 mm **5E:** 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	**3D:** 102 kg **5D:** 104 kg **6D:** 105 kg		**2E:** 116 kg **3E:** 116 kg **5E:** 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

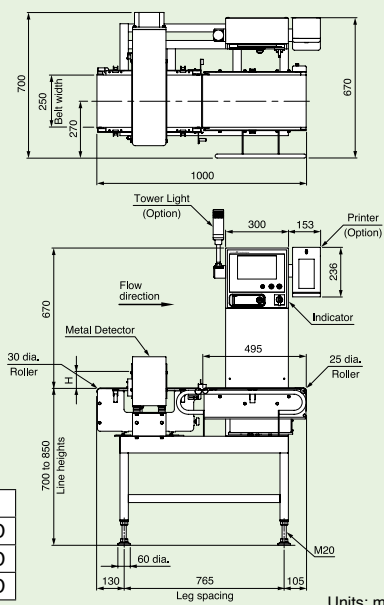## SSV-h series and duw/duw-h Metal Detector `SSV-h` `duw` `duw-h`

KWS6414 type

Weighing range : **6 to 3000 g**

Maximum accuracy (3σ) : **± 0.1 g**

Maximum speed : **220** products/min

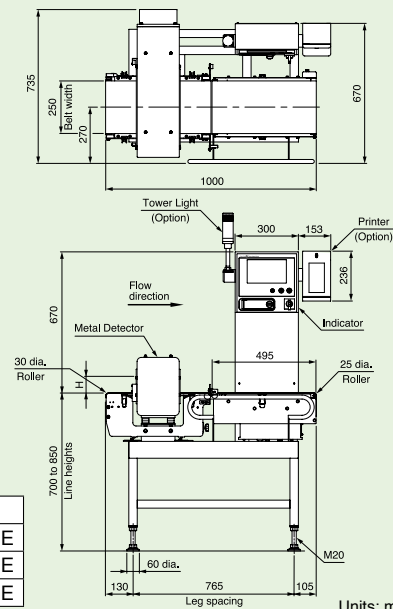### ■ External Dimensions (with duw series)

KWS6414BF□D
KWS6414BP□D

H	Model
80	KWS6414B△3D
120	KWS6414B△5D
180	KWS6414B△6D

Units: mm

■ External Dimensions (with duw-h series)

KWS6414BF□E
KWS6414BP□E

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

Units: mm

■ Specifications

Model	KWS6414BF3D / KWS6414BF5D / KWS6414BF6D KWS6414BP3D / KWS6414BP5D / KWS6414BP6D	KWS6414BF2E / KWS6414BF3E / KWS6414BF5E KWS6414BP2E / KWS6414BP3E / KWS6414BP5E
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	**3D:** 5 to 80 mm **5D:** 5 to 120 mm **6D:** 5 to 180 mm	**2E:** 5 to 50 mm **3E:** 5 to 80 mm **5E:** 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	**3D:** 103 kg **5D:** 105 kg **6D:** 106 kg	**2E:** 117 kg **3E:** 117 kg **5E:** 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 duw/duw-h Metal Detector **SSV-h** **duw** **duw-h**

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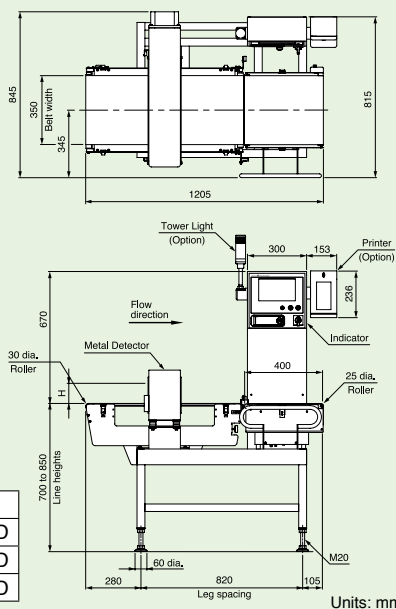SSV-i series
SSV-f series

KWS6416 type

Weighing range : 6 to 3000 g

Maximum accuracy (3σ) : ± 0.1 g

Maximum speed : 210 products/min

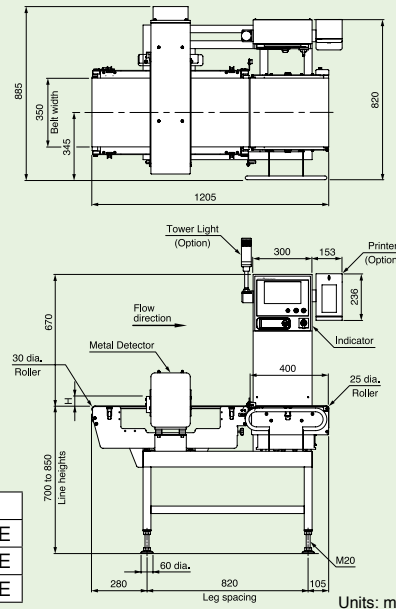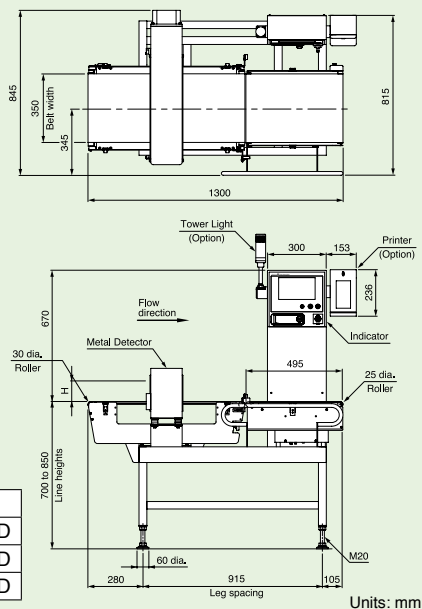### ■ External Dimensions (with duw series)

KWS6416BF□D
KWS6416BP□D

H	Model
100	KWS6416B△4D
130	KWS6416B△5D
180	KWS6416B△6D

Units: mm

■ External Dimensions (with duw-h series)

KWS6416BF□E
KWS6416BP□E

H	Model
50	KWS6416B△2E
100	KWS6416B△4E
130	KWS6416B△5E

Units: mm

■ Specifications

Model		KWS6416BF4D / KWS6416BF5D / KWS6416BF6D KWS6416BP4D / KWS6416BP5D / KWS6416BP6D	KWS6416BF2E / KWS6416BF4E / KWS6416BF5E KWS6416BP2E / KWS6416BP4E / KWS6416BP5E
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	**4D:** 5 to 100 mm **5D:** 5 to 130 mm **6D:** 5 to 180 mm	**2E:** 5 to 50 mm **4E:** 5 to 100 mm **5E:** 5 to 130 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		**4D:** 128 kg **5D:** 130 kg **6D:** 131 kg	**2E:** 146 kg **4E:** 148 kg **5E:** 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 duw/duw-h Metal Detector `SSV-h` `duw` `duw-h`

KWS6417 type

Weighing range : **6 to 3000 g**

Maximum accuracy (3σ) : **± 0.1 g**

Maximum speed : **170** products/min

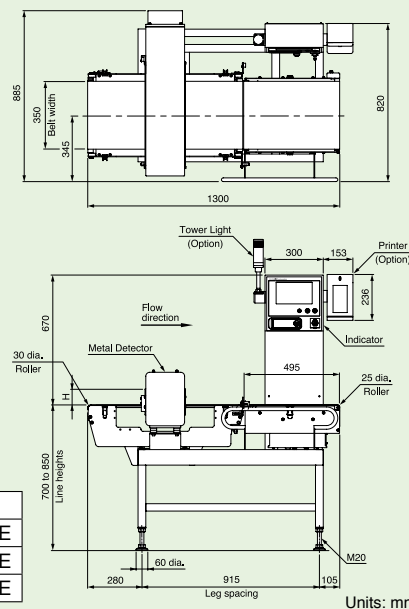## ■ External Dimensions (with duw series)

KWS6417BF□D
KWS6417BP□D

H	Model
100	KWS6417B△4D
130	KWS6417B△5D
180	KWS6417B△6D

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	KWS6417BF4D / KWS6417BF5D / KWS6417BF6D KWS6417BP4D / KWS6417BP5D / KWS6417BP6D		KWS6417BF2E / KWS6417BF4E / KWS6417BF5E 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		
Product size [2] — Length L	65 to 450 mm		
Product size [2] — Height H	**4D:** 5 to 100 mm **5D:** 5 to 130 mm **6D:** 5 to 180 mm	**2E:** 5 to 50 mm **4E:** 5 to 100 mm **5E:** 5 to 130 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	**4D:** 132 kg **5D:** 134 kg **6D:** 135 kg	**2E:** 150 kg **4E:** 152 kg **5E:** 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 duw / duw-h Metal Detector `SSV-i` `duw` `duw-h`
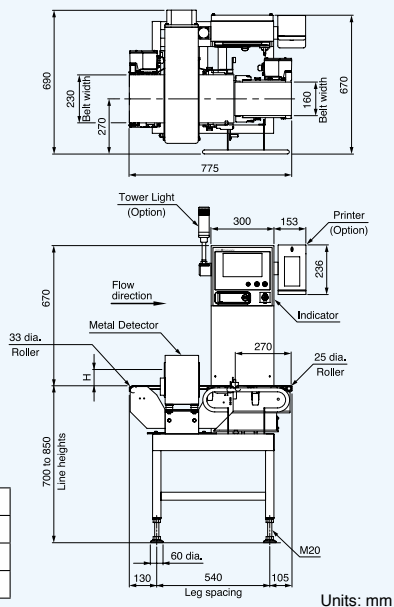
SSV-h series
SSV-i series
SSV-f series

KWS6265 type

Weighing range : 6 to 600 g

Maximum accuracy (3σ) : ± 0.1 g

Maximum speed : 280 products/min

■ External Dimensions (with duw series)

KWS6265BW□D

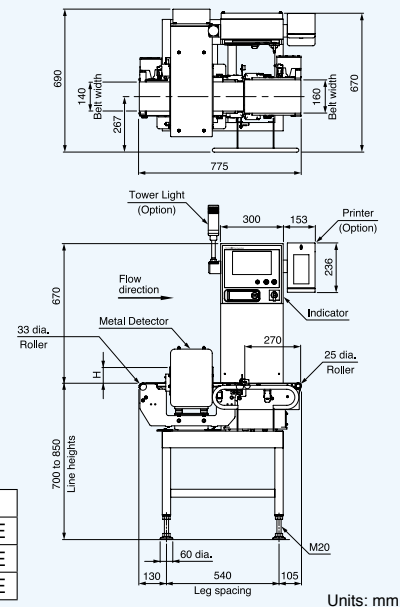| H	Model
75	KWS6265BW3D
115	KWS6265BW5D
175	KWS6265BW6D

Units: mm

■ External Dimensions (with duw-h series)

KWS6265BW□E

H	Model
45	KWS6265BW2E
75	KWS6265BW3E
95	KWS6265BW4E

Units: mm

■ Specifications

Model		KWS6265BW3D / KWS6265BW5D / KWS6265BW6D	KWS6265BW2E / KWS6265BW3E / KWS6265BW4E
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	**3D:** 5 to 75 mm **5D:** 5 to 115 mm **6D:** 5 to 175 mm	**2E:** 5 to 45 mm **3E:** 5 to 75 mm **4E:** 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		**3D:** 106 kg **5D:** 108 kg **6D:** 109 kg	**2E:** 116 kg **3E:** 116 kg **4E:** 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 duw/duw-h Metal Detector　SSV-i　duw　duw-h

KWS6366 type

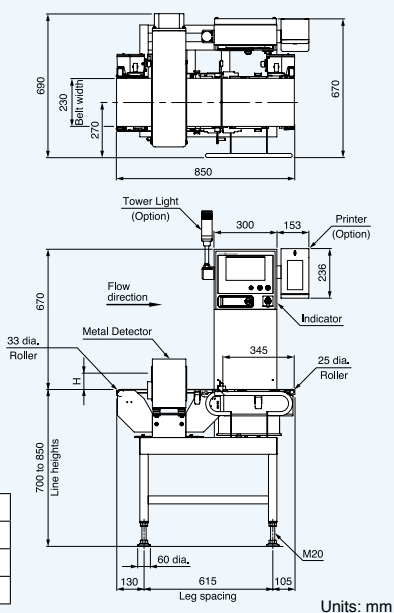**Weighing range : 12 to 1200 g**

Maximum accuracy (3σ) : ± 0.1 g

Maximum speed : 220 products/min
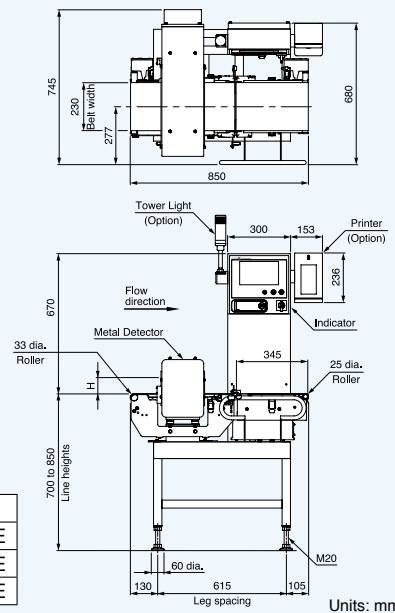
■ External Dimensions (with duw series)

KWS6366BW□D

H	Model
75	KWS6366BW3D
115	KWS6366BW5D
175	KWS6366BW6D

Units: mm

■ External Dimensions (with duw-h series)

KWS6366BW□E

H	Model
45	KWS6366BW2E
75	KWS6366BW3E
115	KWS6366BW5E

Units: mm

■ Specifications

Model		KWS6366BW3D / KWS6366BW5D / KWS6366BW6D	KWS6366BW2E / KWS6366BW3E / KWS6366BW5E
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	**3D:** 5 to 75 mm　**5D:** 5 to 115 mm　**6D:** 5 to 175 mm	**2E:** 5 to 45 mm　**3E:** 5 to 75 mm　**5E:** 5 to 115 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		**3D:** 107 kg　**5D:** 109 kg　**6D:** 110 kg	**2E:** 121 kg　**3E:** 121 kg　**5E:** 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 duw/duw-h Metal Detector `SSV-i` `duw` `duw-h`
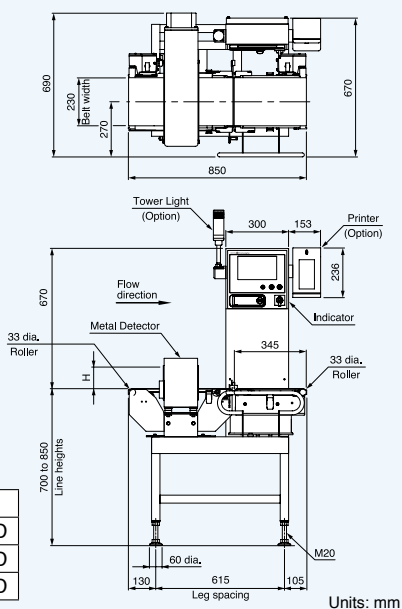
SSV-h series
SSV-i series
SSV-f series

KWS6472 type

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

Maximum accuracy (3σ) : ± 0.1 g
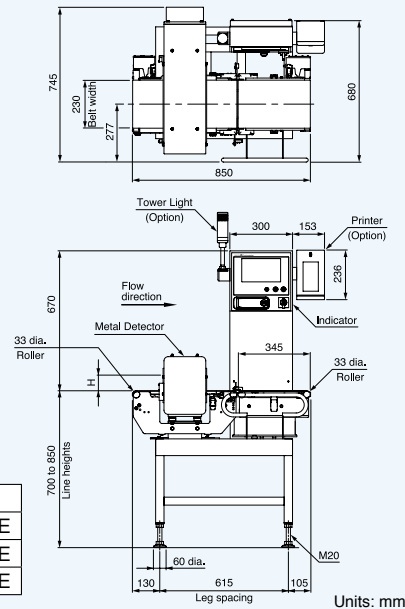
Maximum speed : 160 [220] products/min

■ External Dimensions (with duw series)

KWS6472BW□D

690
230 Belt width
270
670
850

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

H	Model
75	KWS6472BW3D
115	KWS6472BW5D
175	KWS6472BW6D

Units: mm

■ External Dimensions (with duw-h series)

KWS6472BW□E

745
230 Belt width
277
680
850

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

H	Model
45	KWS6472BW2E
75	KWS6472BW3E
115	KWS6472BW5E

Units: mm

■ Specifications

Model		KWS6472BW3D / KWS6472BW5D / KWS6472BW6D	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 (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	**3D:** 5 to 75 mm **5D:** 5 to 115 mm **6D:** 5 to 175 mm	**2E:** 5 to 45 mm **3E:** 5 to 75 mm **5E:** 5 to 115 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		**3D:** 108 kg **5D:** 110 kg **6D:** 111 kg	**2E:** 122 kg **3E:** 122 kg **5E:** 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 duw/duw-h Metal Detector `SSV-i` `duw` `duw-h`

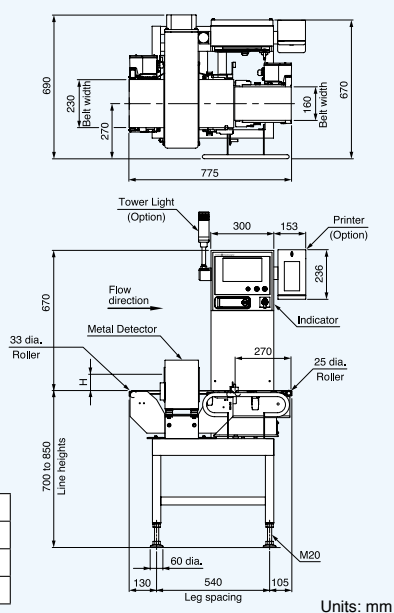SSV-h series
SSV-i series
SSV-f series

KWS5265 type

Weighing range : **6 to 600 g**

Maximum accuracy (3σ) : **± 0.2 g**

Maximum speed : **280** products/min
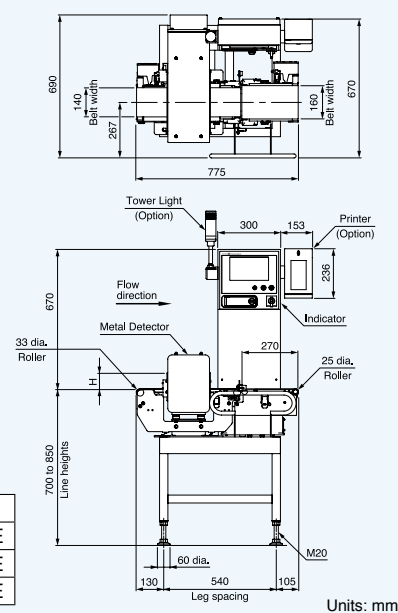
■ External Dimensions (with duw series)

KWS5265BW□D

H	Model
75	KWS5265BW3D
115	KWS5265BW5D
175	KWS5265BW6D

Units: mm

■ External Dimensions (with duw-h series)

KWS5265BW□E

H	Model
45	KWS5265BW2E
75	KWS5265BW3E
95	KWS5265BW4E

Units: mm

■ Specifications

Model	KWS5265BW3D / KWS5265BW5D / KWS5265BW6D			KWS5265BW2E / KWS5265BW3E / KWS5265BW4E
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	**3D:** 5 to 75 mm **5D:** 5 to 115 mm **6D:** 5 to 175 mm		**2E:** 5 to 45 mm **3E:** 5 to 75 mm **4E:** 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	**3D:** 105 kg **5D:** 107 kg **6D:** 108 kg		**2E:** 115 kg **3E:** 115 kg **4E:** 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

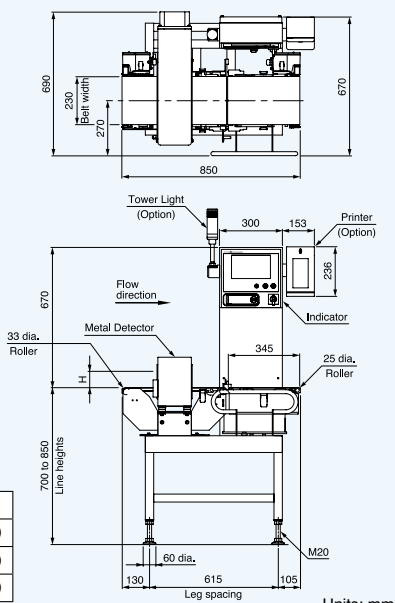## SSV-i series and duw / duw-h Metal Detector `SSV-i` `duw` `duw-h`

KWS5366 type

Weighing range : **12 to 1200 g**

Maximum accuracy (3σ) : **± 0.2 g**

Maximum speed : **220** products/min
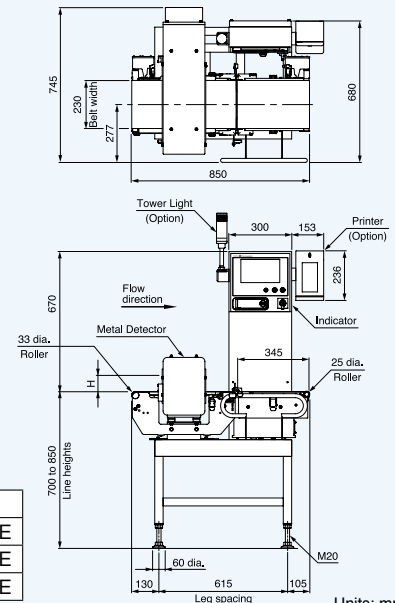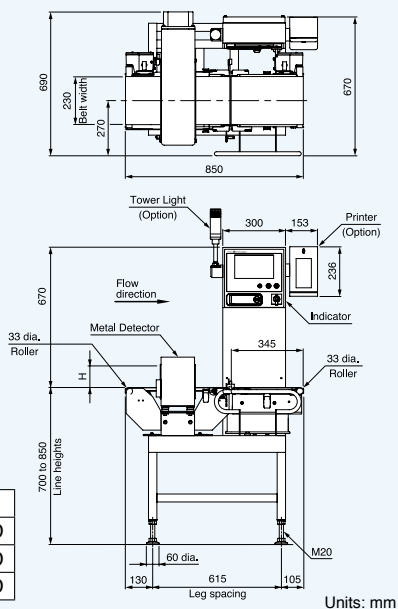
■ External Dimensions (with duw series)

KWS5366BW□D

H	Model
75	KWS5366BW3D
115	KWS5366BW5D
175	KWS5366BW6D

Units: mm

■ External Dimensions (with duw-h series)

KWS5366BW□E

H	Model
45	KWS5366BW2E
75	KWS5366BW3E
115	KWS5366BW5E

Units: mm

■ Specifications

Model		KWS5366BW3D / KWS5366BW5D / KWS5366BW6D	KWS5366BW2E / KWS5366BW3E / KWS5366BW5E
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	**3D:** 5 to 75 mm **5D:** 5 to 115 mm **6D:** 5 to 175 mm	**2E:** 5 to 45 mm **3E:** 5 to 75 mm **5E:** 5 to 115 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		**3D:** 107 kg **5D:** 109 kg **6D:** 110 kg	**2E:** 120 kg **3E:** 120 kg **5E:** 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 duw/duw-h Metal Detector `SSV-i` `duw` `duw-h`

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

KWS5472 type

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

Maximum accuracy (3σ) : ± 0.5 g

Maximum speed : 160 [220] products/min

■ External Dimensions (with duw series)

KWS5472BW□D

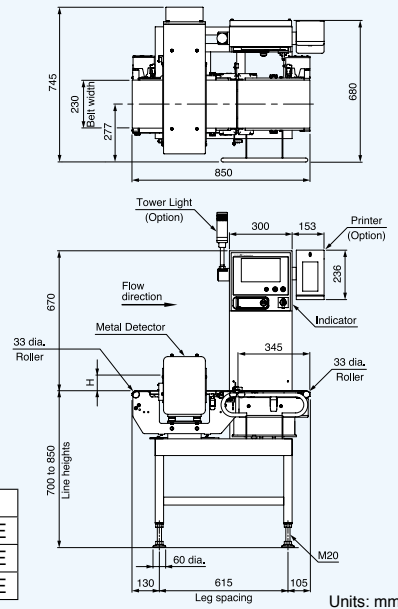| H	Model
75	KWS5472BW3D
115	KWS5472BW5D
175	KWS5472BW6D

Units: mm

■ External Dimensions (with duw-h series)

KWS5472BW□E

H	Model
45	KWS5472BW2E
75	KWS5472BW3E
115	KWS5472BW5E

Units: mm

■ Specifications

Model		KWS5472BW3D / KWS5472BW5D / KWS5472BW6D	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 (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	**3D:** 5 to 75 mm **5D:** 5 to 115 mm **6D:** 5 to 175 mm	**2E:** 5 to 45 mm **3E:** 5 to 75 mm **5E:** 5 to 115 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		**3D:** 107 kg **5D:** 109 kg **6D:** 110 kg	**2E:** 121 kg **3E:** 121 kg **5E:** 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

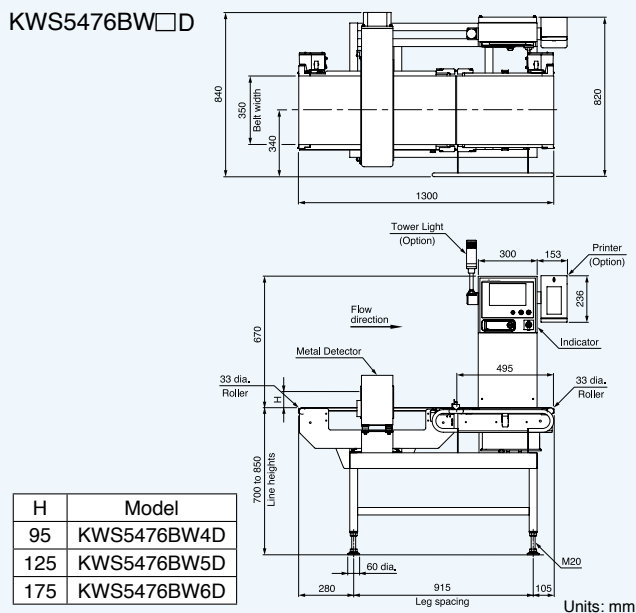## SSV-i series and duw/duw-h Metal Detector   `SSV-i` `duw` `duw-h`

SSV-h series
SSV-i series
SSV-f series
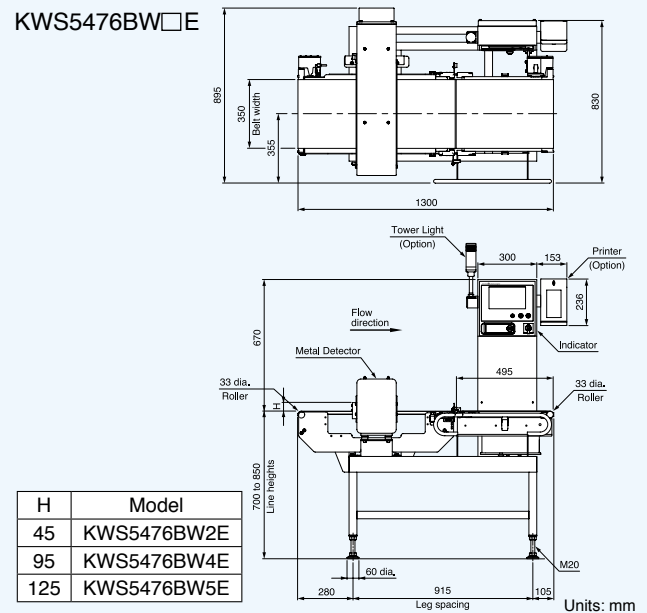
KWS5476 type

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

Maximum accuracy (3σ) : **± 0.5 g**

Maximum speed : **120 [155]** products/min

■ External Dimensions (with duw series)

KWS5476BW□D

H	Model
95	KWS5476BW4D
125	KWS5476BW5D
175	KWS5476BW6D

Units: mm

■ External Dimensions (with duw-h series)

KWS5476BW□E

H	Model
45	KWS5476BW2E
95	KWS5476BW4E
125	KWS5476BW5E

Units: mm

■ Specifications

Model		KWS5476BW4D / KWS5476BW5D / KWS5476BW6D	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 (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	**4D:** 5 to 95 mm **5D:** 5 to 125 mm **6D:** 5 to 175 mm	**2E:** 5 to 45 mm **4E:** 5 to 95 mm **5E:** 5 to 125 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		**4D:** 135 kg **5D:** 137 kg **6D:** 139 kg	**2E:** 153 kg **4E:** 155 kg **5E:** 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

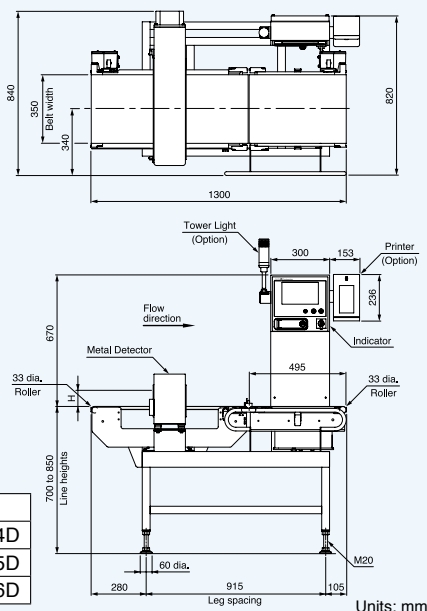## SSV-i series and duw/duw-h Metal Detector   SSV-i duw duw-h

KWS5577 type

Weighing range : 60 to 6000 g

Maximum accuracy (3σ) : ± 1.5 g

Maximum speed : 70 products/min
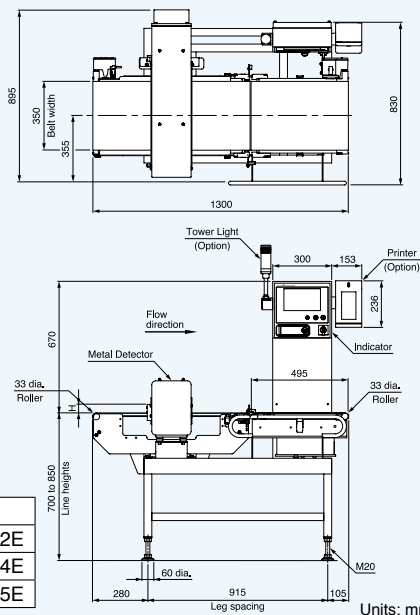
■ External Dimensions (with duw series)

KWS5577BW□D

H	Model
95	KWS5577BW4D
125	KWS5577BW5D
175	KWS5577BW6D

Units: mm

■ External Dimensions (with duw-h series)

KWS5577BW□E

H	Model
45	KWS5577BW2E
95	KWS5577BW4E
125	KWS5577BW5E

Units: mm

■ Specifications

Model	KWS5577BW4D / KWS5577BW5D / KWS5577BW6D	KWS5577BW2E / KWS5577BW4E / KWS5577BW5E
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	
Product size [2] Length L	76 to 450 mm	
Product size [2] Height H	**4D:** 5 to 95 mm **5D:** 5 to 125 mm **6D:** 5 to 175 mm	**2E:** 5 to 45 mm **4E:** 5 to 95 mm **5E:** 5 to 125 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	**4D:** 135 kg **5D:** 137 kg **6D:** 139 kg	**2E:** 153 kg **4E:** 155 kg **5E:** 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 duw / duw-h Metal Detector SSV-f duw duw-h

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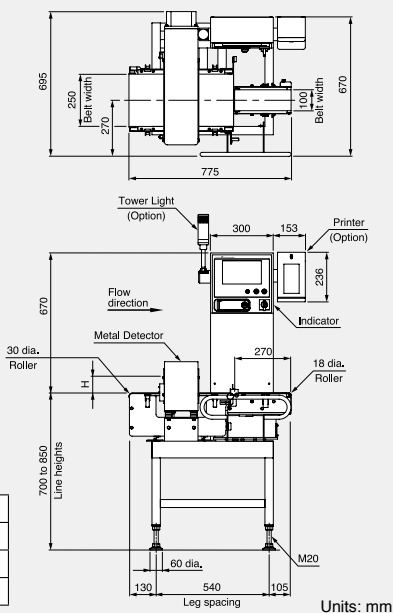SSV-i series
SSV-f series

KWS5203 type

Weighing range : **6 to 600 g**

Maximum accuracy (3σ) : **± 0.2 g**

Maximum speed : **350** products/min

■ External Dimensions (with duw series)

KWS5203BF□D
KWS5203BP□D

H	Model
80	KWS5203B△3D
120	KWS5203B△5D
180	KWS5203B△6D

Units: mm

■ External Dimensions (with duw-h series)

KWS5203BF□E
KWS5203BP□E

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

Units: mm

■ Specifications

Model		KWS5203BF3D / KWS5203BF5D / KWS5203BF6D KWS5203BP3D / KWS5203BP5D / KWS5203BP6D	KWS5203BF2E / KWS5203BF3E / KWS5203BF4E KWS5203BP2E / KWS5203BP3E / KWS5203BP4E
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	**3D:** 5 to 80 mm **5D:** 5 to 120 mm **6D:** 5 to 180 mm	**2E:** 5 to 50 mm **3E:** 5 to 80 mm **4E:** 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		**3D:** 98 kg **5D:** 100 kg **6D:** 101 kg	**2E:** 108 kg **3E:** 108 kg **4E:** 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 duw/duw-h Metal Detector   SSV-f   duw   duw-h

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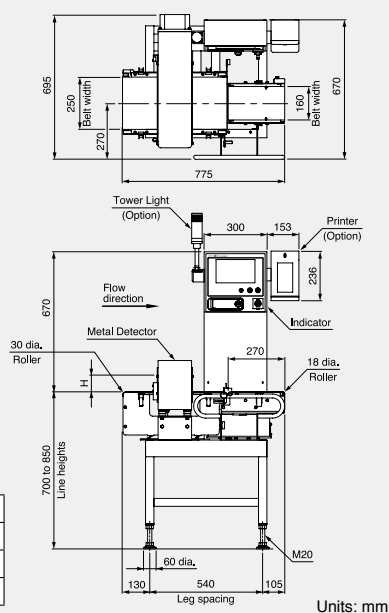SSV-i series
SSV-f series

KWS5205 type

Weighing range : **6 to 600 g**

Maximum accuracy (3σ) : **± 0.2 g**

Maximum speed : **350** products/min

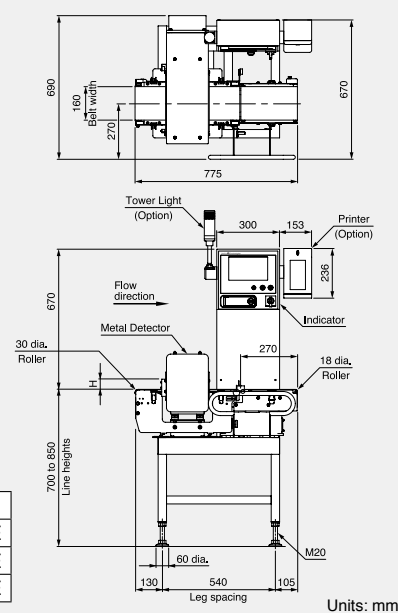## ■ External Dimensions (with duw series)

KWS5205BF□D
KWS5205BP□D

H	Model
80	KWS5205B△3D
120	KWS5205B△5D
180	KWS5205B△6D

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	KWS5205BF3D / KWS5205BF5D / KWS5205BF6D KWS5205BP3D / KWS5205BP5D / KWS5205BP6D		KWS5205BF2E / KWS5205BF3E / KWS5205BF4E KWS5205BP2E / KWS5205BP3E / KWS5205BP4E
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	**3D:** 5 to 80 mm **5D:** 5 to 120 mm **6D:** 5 to 180 mm	**2E:** 5 to 50 mm **3E:** 5 to 80 mm **4E:** 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	**3D:** 98 kg **5D:** 100 kg **6D:** 101 kg		**2E:** 108 kg **3E:** 108 kg **4E:** 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 duw/duw-h Metal Detector `SSV-f` `duw` `duw-h`
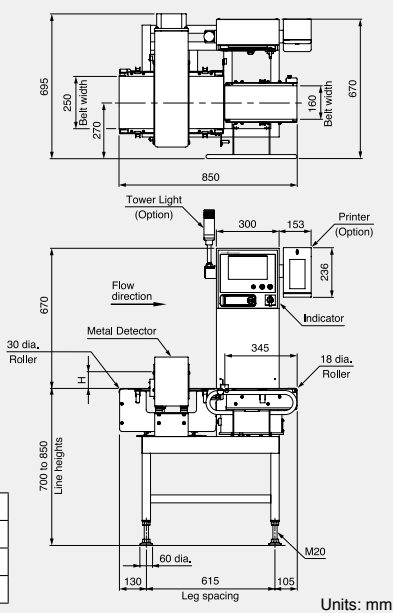
KWS5206 type

Weighing range : 6 to 600 g

Maximum accuracy (3σ) : ± 0.2 g

Maximum speed : 320 products/min
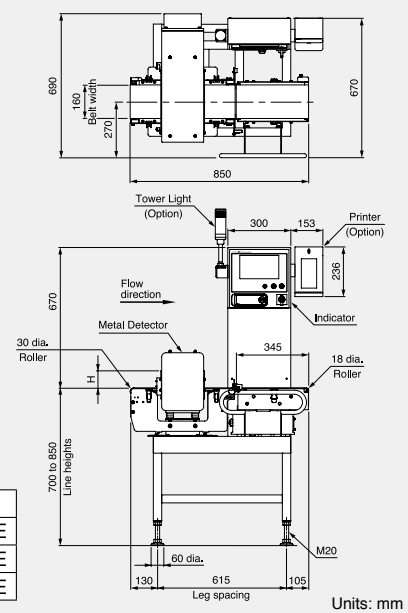
■ External Dimensions (with duw series)

KWS5206BF□D
KWS5206BP□D

H	Model
80	KWS5206B△3D
120	KWS5206B△5D
180	KWS5206B△6D

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	KWS5206BF3D / KWS5206BF5D / KWS5206BF6D KWS5206BP3D / KWS5206BP5D / KWS5206BP6D		KWS5206BF2E / KWS5206BF3E / KWS5206BF4E KWS5206BP2E / KWS5206BP3E / KWS5206BP4E
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	**3D:** 5 to 80 mm **5D:** 5 to 120 mm **6D:** 5 to 180 mm	**2E:** 5 to 50 mm **3E:** 5 to 80 mm **4E:** 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	**3D:** 98 kg **5D:** 100 kg **6D:** 101 kg		**2E:** 108 kg **3E:** 108 kg **4E:** 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

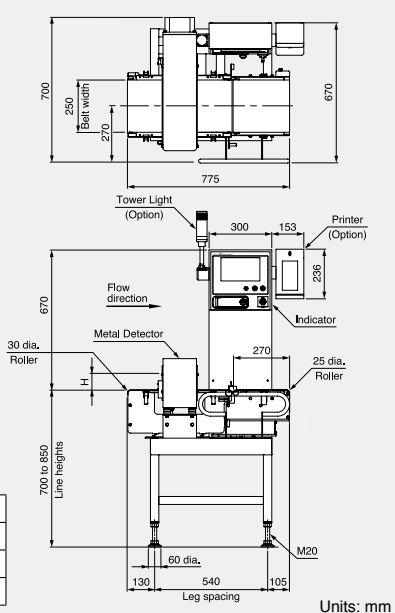## SSV-f series and duw / duw-h Metal Detector `SSV-f` `duw` `duw-h`

KWS5411 type

Weighing range : 12 to 3000 g

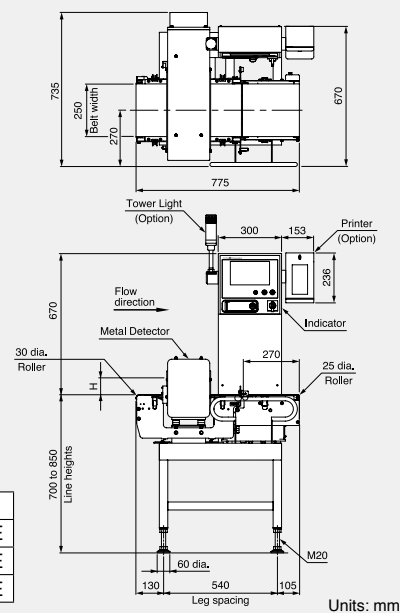**Maximum accuracy (3σ) : ± 0.2 g**

Maximum speed : 320 products/min

■ External Dimensions (with duw series)

KWS5411BF☐D
KWS5411BP☐D

H	Model
80	KWS5411B△3D
120	KWS5411B△5D
180	KWS5411B△6D

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	KWS5411BF3D / KWS5411BF5D / KWS5411BF6D KWS5411BP3D / KWS5411BP5D / KWS5411BP6D	KWS5411BF2E / KWS5411BF3E / KWS5411BF5E KWS5411BP2E / KWS5411BP3E / KWS5411BP5E
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	**3D:** 5 to 80 mm **5D:** 5 to 120 mm **6D:** 5 to 180 mm	**2E**: 5 to 50 mm **3E**: 5 to 80 mm **5E**: 5 to 120 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	**3D:** 100 kg **5D:** 102 kg **6D:** 103 kg	**2E:** 114 kg **3E:** 114 kg **5E:** 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 duw / duw-h Metal Detector `SSV-f` `duw` `duw-h`
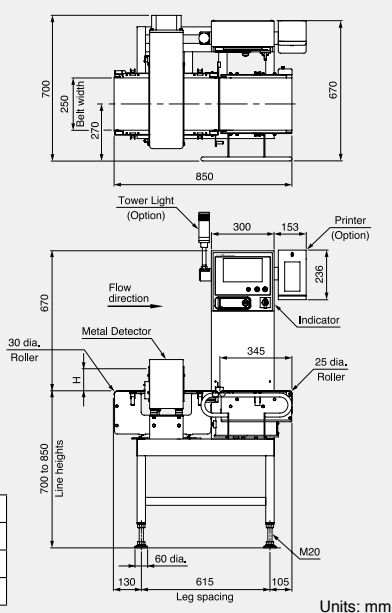
KWS5412 type

Weighing range : 12 to 3000 g

Maximum accuracy (3σ) : ± 0.2 g

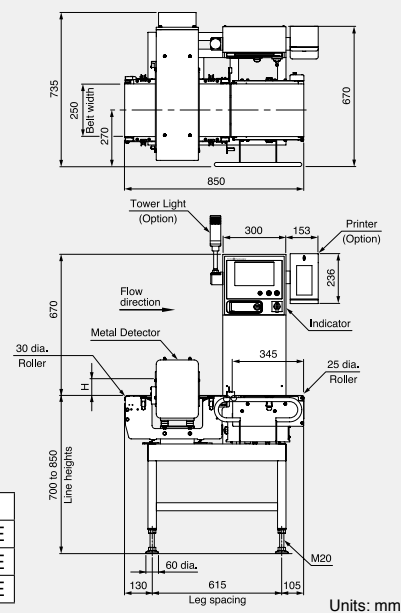**Maximum speed : 320 products/min**

■ External Dimensions (with duw series)

KWS5412BF□D
KWS5412BP□D

Units: mm

H	Model
80	KWS5412B△3D
120	KWS5412B△5D
180	KWS5412B△6D

■ External Dimensions (with duw-h series)

KWS5412BF□E
KWS5412BP□E

Units: mm

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

■ Specifications

Model	KWS5412BF3D / KWS5412BF5D / KWS5412BF6D KWS5412BP3D / KWS5412BP5D / KWS5412BP6D	KWS5412BF2E / KWS5412BF3E / KWS5412BF5E KWS5412BP2E / KWS5412BP3E / KWS5412BP5E
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	**3D:** 5 to 80 mm **5D:** 5 to 120 mm **6D:** 5 to 180 mm	**2E:** 5 to 50 mm **3E:** 5 to 80 mm **5E:** 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	**3D:** 101 kg **5D:** 103 kg **6D:** 104 kg	**2E:** 115 kg **3E:** 115 kg **5E:** 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 duw / duw-h Metal Detector `SSV-f` `duw` `duw-h`

KWS5414 type
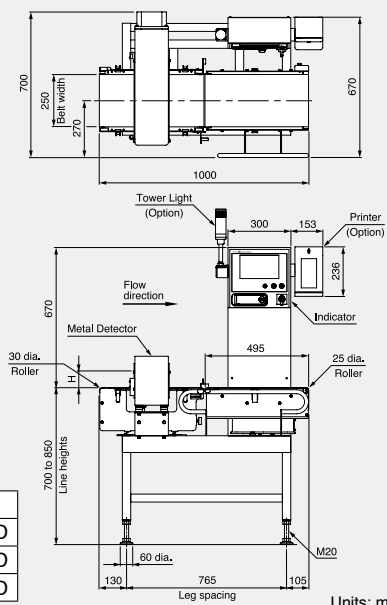
Weighing range : **12 to 3000 g**

Maximum accuracy (3σ) : **± 0.2 g**

Maximum speed : **220** products/min

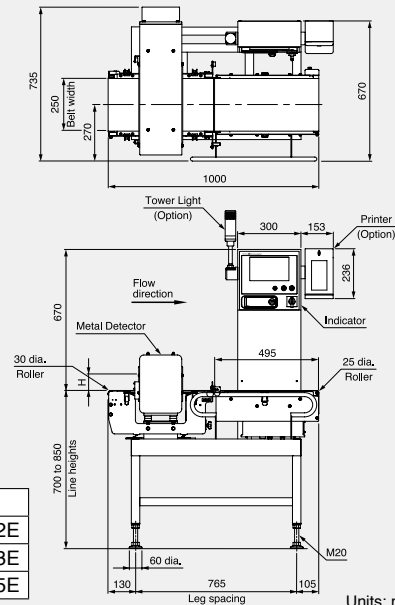## ■ External Dimensions (with duw series)

KWS5414BF□D
KWS5414BP□D

H	Model
80	KWS5414B△3D
120	KWS5414B△5D
180	KWS5414B△6D

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		KWS5414BF3D / KWS5414BF5D / KWS5414BF6D KWS5414BP3D / KWS5414BP5D / KWS5414BP6D	KWS5414BF2E / KWS5414BF3E / KWS5414BF5E KWS5414BP2E / KWS5414BP3E / KWS5414BP5E
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	**3D:** 5 to 80 mm **5D:** 5 to 120 mm **6D:** 5 to 180 mm	**2E:** 5 to 50 mm **3E:** 5 to 80 mm **5E:** 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		**3D:** 102 kg **5D:** 104 kg **6D:** 105 kg	**2E:** 116 kg **3E:** 116 kg **5E:** 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 duw / duw-h Metal Detector   SSV-f   duw   duw-h

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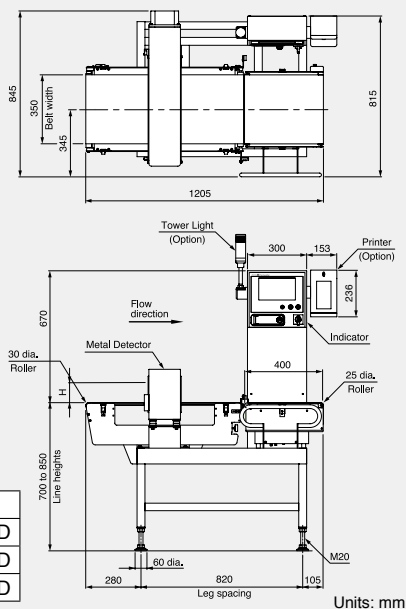SSV-f series

KWS5416 type

Weighing range : 12 to 3000 g

Maximum accuracy (3σ) : ± 0.5 g

Maximum speed : 210 products/min

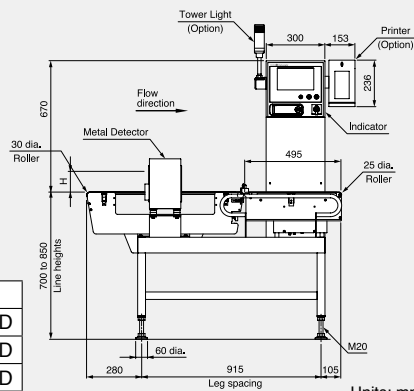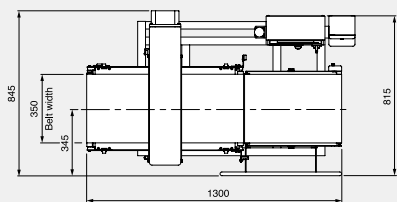## ■ External Dimensions (with duw series)

KWS5416BF□D
KWS5416BP□D

H	Model
100	KWS5416B△4D
130	KWS5416B△5D
180	KWS5416B△6D

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
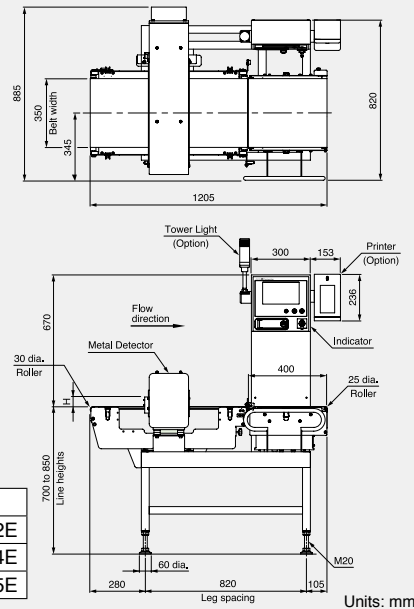
■ Specifications

Model	KWS5416BF4D / KWS5416BF5D / KWS5416BF6D KWS5416BP4D / KWS5416BP5D / KWS5416BP6D		KWS5416BF2E / KWS5416BF4E / KWS5416BF5E KWS5416BP2E / KWS5416BP4E / KWS5416BP5E
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	**4D:** 5 to 100 mm **5D:** 5 to 130 mm **6D:** 5 to 180 mm	**2E**: 5 to 50 mm **4E**: 5 to 100 mm **5E**: 5 to 130 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	**4D:** 126 kg **5D:** 128 kg **6D:** 129 kg		**2E:** 144 kg **4E:** 146 kg **5E:** 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 duw / duw-h Metal Detector `SSV-f` `duw` `duw-h`

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

KWS5417 type

Weighing range : **12 to 3000 g**

Maximum accuracy (3σ) : **± 0.5 g**

Maximum speed : **170** products/min

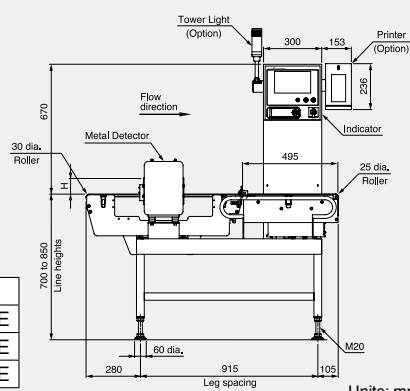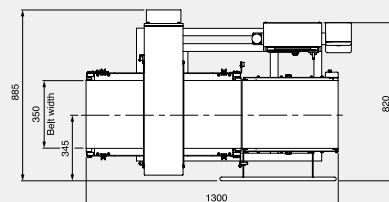### ■ External Dimensions (with duw series)

KWS5417BF□D
KWS5417BP□D

H	Model
100	KWS5417B△4D
130	KWS5417B△5D
180	KWS5417B△6D

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	KWS5417BF4D / KWS5417BF5D / KWS5417BF6D KWS5417BP4D / KWS5417BP5D / KWS5417BP6D		KWS5417BF2E / KWS5417BF4E / KWS5417BF5E KWS5417BP2E / KWS5417BP4E / KWS5417BP5E
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		
Product size [2] — Length L	65 to 450 mm		
Product size [2] — Height H	**4D:** 5 to 100 mm **5D:** 5 to 130 mm **6D:** 5 to 180 mm		**2E**: 5 to 50 mm **4E**: 5 to 100 mm **5E**: 5 to 130 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	**4D:** 130 kg **5D:** 132 kg **6D:** 133 kg		**2E:** 148 kg **4E:** 150 kg **5E:** 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

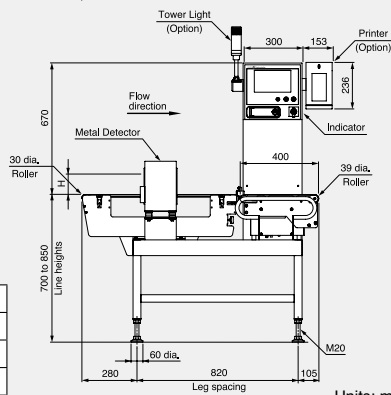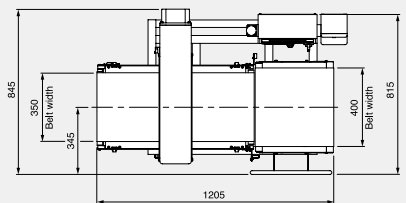## SSV-f series and duw/duw-h Metal Detector `SSV-f` `duw` `duw-h`

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

KWS5522 type

Weighing range : 60 to 6000 g

Maximum accuracy (3σ) : ± 1.5 g

Maximum speed : 130 products/min

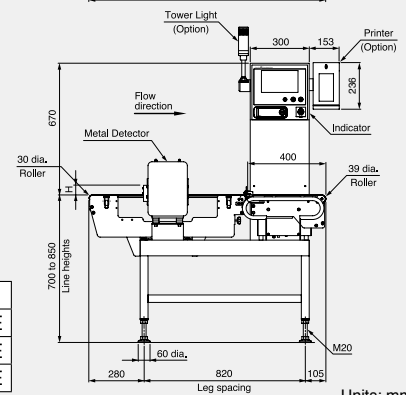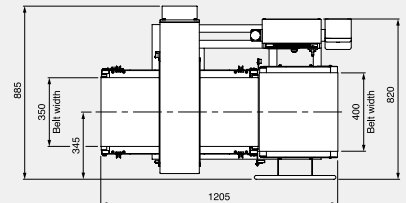## ■ External Dimensions (with duw series)

KWS5522BF□D
KWS5522BP□D

H	Model
100	KWS5522B△4D
130	KWS5522B△5D
180	KWS5522B△6D

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		KWS5522BF4D / KWS5522BF5D / KWS5522BF6D KWS5522BP4D / KWS5522BP5D / KWS5522BP6D	KWS5522BF2E / KWS5522BF4E / KWS5522BF5E KWS5522BP2E / KWS5522BP4E / KWS5522BP5E
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	**4D:** 5 to 100 mm　**5D:** 5 to 130 mm　**6D:** 5 to 180 mm	**2E**: 5 to 50 mm　**4E**: 5 to 100 mm　**5E**: 5 to 130 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		**4D:** 130 kg　**5D:** 132 kg　**6D:** 133 kg	**2E:** 148 kg　**4E:** 150 kg　**5E:** 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

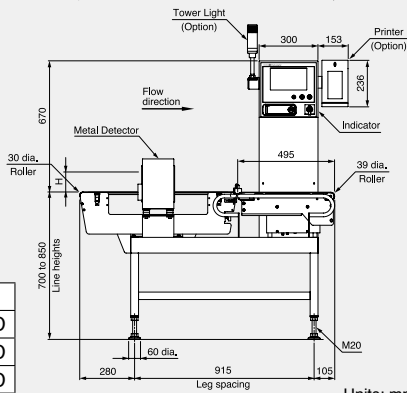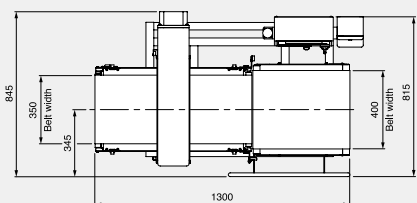## SSV-f series and duw/duw-h Metal Detector   `SSV-f` `duw` `duw-h`

KWS5524 type

Weighing range : 60 to 6000 g

Maximum accuracy (3σ) : ± 1.5 g

Maximum speed : 110 products/min

■ External Dimensions (with duw series)
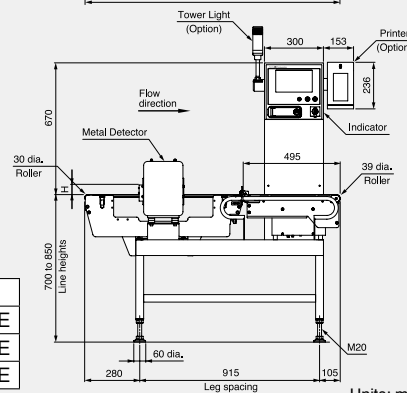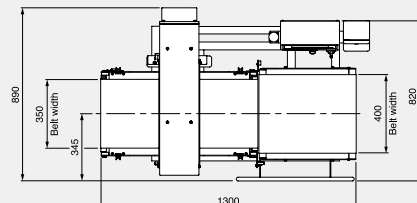
KWS5524BF□D
KWS5524BP□D

H	Model
100	KWS5524B△4D
130	KWS5524B△5D
180	KWS5524B△6D

Units: mm

■ External Dimensions (with duw-h series)

KWS5524BF□E
KWS5524BP□E

H	Model
50	KWS5524B△2E
100	KWS5524B△4E
130	KWS5524B△5E

Units: mm

■ Specifications

Model	KWS5524BF4D / KWS5524BF5D / KWS5524BF6D KWS5524BP4D / KWS5524BP5D / KWS5524BP6D		KWS5524BF2E / KWS5524BF4E / KWS5524BF5E KWS5524BP2E / KWS5524BP4E / KWS5524BP5E
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	**4D:** 5 to 100 mm **5D:** 5 to 130 mm **6D:** 5 to 180 mm	**2E:** 5 to 50 mm **4E:** 5 to 100 mm **5E:** 5 to 130 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	**4D:** 134 kg **5D:** 136 kg **6D:** 137 kg		**2E:** 152 kg **4E:** 154 kg **5E:** 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).

Note

Anritsu

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, an annual maintenance check should be carried out.