Leaflet
October 2023

Anritsu

Checkweigher for Small Bottles

SSV series





High accuracy weighing solution for unstable products

This checkweigher can reliably transfer eye drops, nasal drops, cosmetics, and other small-diameter slim bottles that are difficult to transfer standing, and enables high-precision weighing.

- **Proprietary developed force-balance load cell:** Anritsu's force balance weighing technology provides the maximum weighing accuracy of ±20 mg.
- **Stable transfer with side belt conveyor:** Motor-driven side belt conveyor with soft sponge belt supports transfer between conveyors. This ensures that products of various shapes — such as square, round, and oval, which are difficult to transfer standing — can be reliably transferred. The product passage width can also be easily adjusted by checking the indicator. In the unlikely event that a product falls over, the product can be force-rejected by a sensor-based length detection function (optional).
- **Easy-to-use control panel:** Anyone can operate the system intuitively and easily by following the illustrated guidance function.

- High accuracy ±20 mg
- Windshield cover comes as standard
- Auto-learn product setup wizard
- Connectable to OPC-UA, Ethernet, Modbus TCP etc.
- QUICCA capable
- Feedback filling control (Optional)
- Integrated rejector
- Easily adjustable side belt width
- User-friendly HMI
- Supports IQ/OQ, providing validation document
- 21 CFR Part 11 compliant (optional)
- Tare/gross weighing (optional)

Supports FDA 21 CFR Part 11 (Optional)

Audit trail



The history of operations, actions related to production, and operation check results are internally recorded. The data can be used to monitor fraudulent activity and analyze the cause of such activity.

Eligibility authentication (User management)

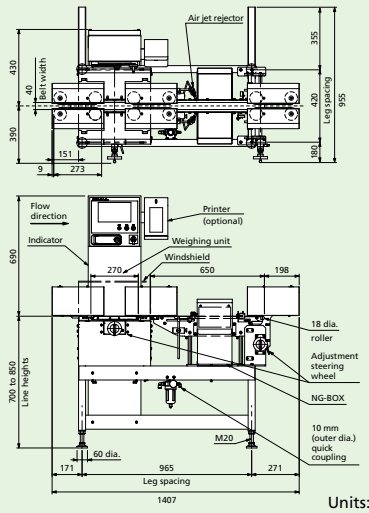
Access level can be individually set for each user to prevent unauthorized operations and potential operator mistakes.

Data encryption and decryption

Various data including statistical and parameter data from audit trail can be easily transmitted.

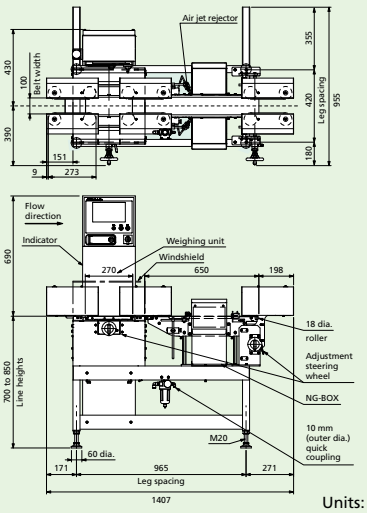
External Dimensions

KWS9223BPHB



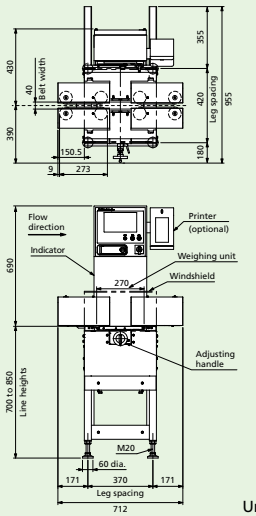
Units: mm

KWS9223BPHB (Belt width 100mm option)



Units: mm

KWS9223BPHC



Units: mm

Specifications

Model		KWS9223BPHB	KWS9223BPHB (Belt width 100mm option)	KWS9223BPHC
Weighing range [1]		1.2 to 600 g		
Scale interval		0.01 g		
Throughput [2]		Maximum 200 products/min		
Accuracy (3σ) [2]		Maximum ±0.02 g		
Display		8.5-inch wide 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 [3]	Width	20 to 40 mm	20 to 100mm (Optional)	20 to 40 mm
	Length	20 to 40 mm	20 to 100mm (Optional)	20 to 40 mm
	Height	50 to 150 mm		
Belt speed		15 to 60 m/min		
Power requirements		100 Vac to 120 Vac +10% –15% or 200 Vac to 240 Vac +10% –15%, single phase, 50/60 Hz, rush current 40 A (typ.) (40 ms or less)		
Power consumption		700 VA		550 VA
Air requirements		0.5 MPa to 0.9 MPa, 16 ℓ /min [A.N.R.] for air jet rejector		Air supply not required (Air jet rejector not mounted)
Mass		135 kg		90 kg
Environmental conditions		0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing		
Protection class		IP30		
Exterior		Stainless steel (SUS304)		

1: Maximum weight capacity for KWS9223BPHB air jet rejector is 200 g. For heavier products, a flipper type rejector is recommended. 2: Accuracy and throughput depends on the application and the rejector.
3: Varies according to the rejector. Consult us when the product is transparent or semi-transparent.
Note: The noise level of this system does not exceed 70 dB(A). Note: Optional compliance with FCC Part 15 available.

ANRITSU INFIVIS INC. https://www.anritsu.com/infivis

701 Innovation Drive, Elk Grove Village, IL 60007
Phone (847) 419-XRAY (9729) Fax (847) 537-8266

© ANRITSU CORPORATION 2023

ISO14001, ISO9001 Certified

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

Specifications are subject to change without notice. No part of this catalog may be reproduced without our permission.

DOC.NO. IWR1-A00xxx-00 2023-10