

Multi-Lane Checkweigher



Compact, accurate and flexible

The next generation Multi-Lane Checkweigher comes in 150 models to accommodate nearly any line production application requiring high-speed precision weighing of small packaged products. With up to 12 independent lanes, Anritsu offers tremendous productivity in a space-efficient form factor.



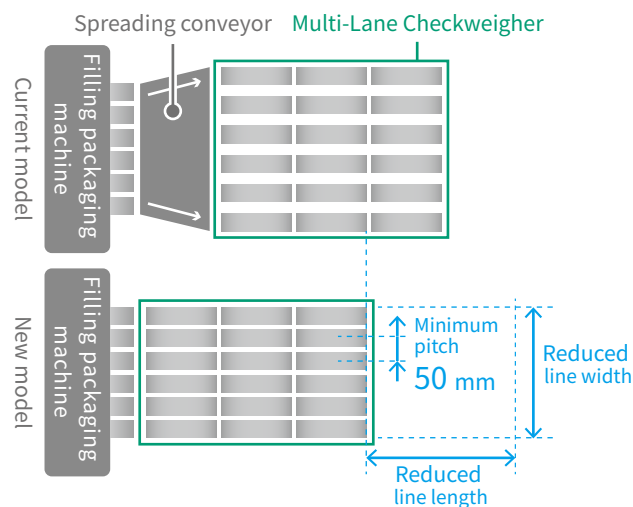


Small footprint, independent lanes, trend control

Key Advantages

1 Efficient, space-saving design

- ▶ The space-saving design eases line integration.
- The center pitch of the conveyor can be set to as little as 50 mm.
- No extra spreading conveyors required as the checkweigher can receive packages at the same center pitch as that of a filling packaging machine. This ensures proper conveyance posture of the product.



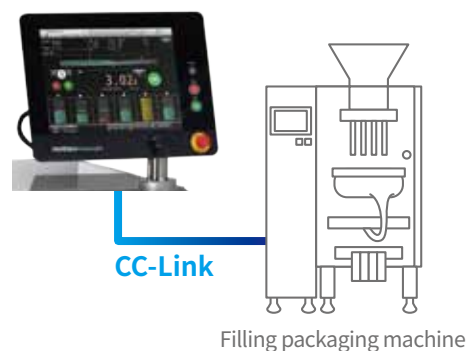
2 Independent lanes

- ▶ Each lane can be individually started and stopped.
- Each lane can be individually configured for different products and weight ranges (optional) for maximum system flexibility.



3 Easily link to filler

- ▶ The checkweigher controller can be installed near the filling packaging machine, making it easy to adjust the filling process.
- Data output supports common send/receive communication protocols.
- Feedback to the filling packaging machine can be controlled individually for each lane to prevent overfilling and improving yield.



CC-Link is a registered trademark of CC-Link Partner Association (CLPA).

Total flexibility

With over 150 models to choose, you will get a configuration that neatly aligns with your operating environment and production needs. Options include lane count, lane pitch, and IP rating.

	Non-waterproof (IP30)	Waterproof (IP65)
Minimum lane pitch	50 mm	80 mm
Lane count	2 to 12 (50 mm, 80 mm, 100 mm, 120 mm for example)	

Easy to own, maintain and operate



Fill Adjustment

Full-featured large display

Control up to 12 lanes on a single screen. Quickly identify and adjust for filling deviations.



Tool-free maintenance and cleaning

Easily remove and install the individual conveyors, enabling complete access for proper cleaning.



Improved force balance scales

Anritsu-engineered force balance weighing units provide up to 200% better resistance from vibration with highly rigid vibration-resistant structures and innovative design.



Integrate with other Anritsu products

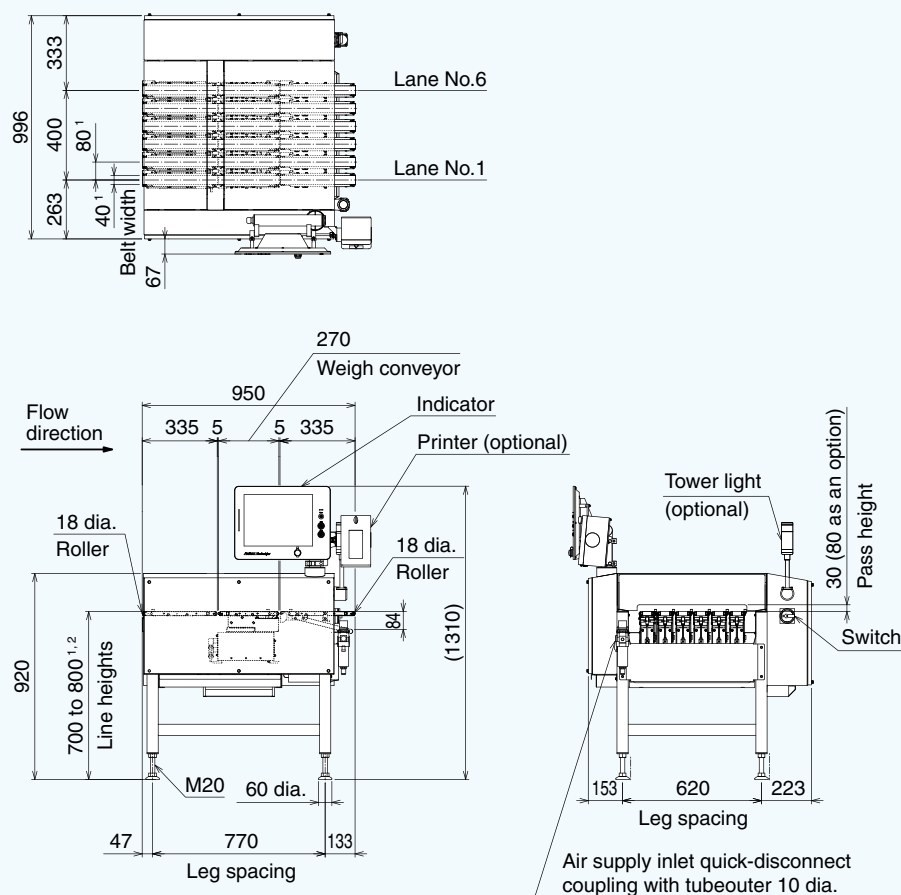
Expand capabilities by tying the checkweigher to other Anritsu equipment. Add space saving contaminant detection with high performance x-ray.* Get remote control and comprehensive data reporting with QuiCCA software.

* The number of lanes can be selected according to product size and lane pitch.

External Dimensions

KWS6233FP06

6 Lane IP30 solution shown as example



1: The length of line heights, lane pitch, and belt width can be customized for your requirements.

2: The minimum line height is 400+50/-20 mm.

Specifications

* MID (Measuring Instruments Directive, 2014/32/EU) not complied.

Model	KWS6233FP06	
Lane	6	
Weighing range	1.2 to 600 g	
Scale interval	0.01 g	
Maximum throughput ¹	200 products/min per lane	
Maximum accuracy (3 σ) ¹	± 0.010 g	
Display	15-inch color LCD	
Operation method	Touch panel (Start, Stop, Home are direct push buttons)	
Indication range	600.9 g	
Preset memory	Maximum 50	
Classification	2 (3 as an option)	
Product size ²	Width	10 to 40 mm
	Length	46 to 230 mm
	Height	5 to 60 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, 550 VA, rush current 30 A (typ.) (130 ms or less)	
Air inlet (with exclusive-use rejector)	0.4 MPa to 0.9 MPa, 0.2 ℓ [A.N.R.] (Maximum capacity per rejection operation per lane)	
Mass	200 kg	
Environmental conditions	0°C to 40°C (variation not to exceed 5°C/h to maintain accuracy), relative humidity 30% to 85%, non-condensing	
Protection class	IP30 compliance	
Exterior	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, the rejector and setting conditions.

2: Consult us about semi-transparent and transparent products.

Note: The rejector may be self-standing type.

Note: The noise level of the checkweighers does not exceed 70 dB(A).

Note: Weighing range, accuracy, and throughput other than above are available at your request.

Note: Contact our sales representative for models other than 6 lanes (2 to 12 lanes).

Extensive Lineup

154 types are available with different combinations of belt width, weigh conveyor length and number of lanes.

Type	Minimum Lane Pitch	Belt Width	Weigh Conveyor Length	Lanes
Narrow-pitch type	From 50 mm	25 mm	270 mm	2 to 12
			345 mm	
General type (Non-waterproofed)	From 80 mm	40 mm	270 mm	
			345 mm	
	From 110 mm	70 mm	270 mm	
			345 mm	
	From 140 mm	100 mm	270 mm	
			345 mm	
General type (Waterproofed)	From 80 mm	40 mm	270 mm	
			345 mm	
	From 110 mm	70 mm	270 mm	
			345 mm	
	From 140 mm	100 mm	270 mm	
			345 mm	

Note: Types with a pitch greater than the following can be made to order.

Note

[illegible]

Pharmaceutical Quality Assurance based on GMP

We offer a wide range of inspection solutions including dynamic weighing, contaminant and shape detection for the pharmaceutical manufacturing and packaging process.

Filling control/Weight check

Seal check/Missing tablet check



Tablets



Capsules



Sachets / Sticks



Tubes



Bottles / Cans

Pharmaceutical
Metal Detector



Capsule Checkwigher



Built-In Multi-Lane
Weighing System



Multi-Lane
Checkweigher



Aerosol Inhaler
Checkweigher



Small Bottle
Checkweigher



*Non-conforming to CE marking

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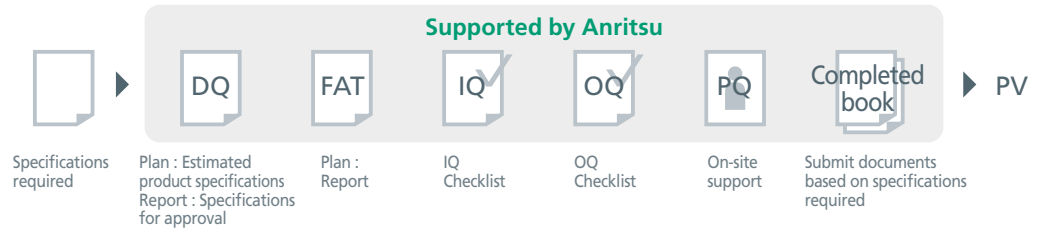


Pharmaceutical
X-ray Inspection
System



Supporting CSV guidelines : Validation support

Anritsu also provides IQ/OQ checklists and on-site support during PQ process.



Missing Blister pack check



SSV-h Series Checkweigher conforming to CFR 21 Part 11



*MID approval

Missing insert check (magnetic ink)



M Series Metal Detector



*Non-conforming to CE marking

Missing pack check



SSV-h Series Checkweigher



*MID approval

Missing carton check



Case Checkweigher



*Non-conforming to CE marking

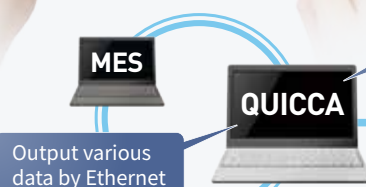
Quicca Pharma

Overall Quality Management and Control System for Pharmaceutical

Support making good use of data by various CFR 21 Part 11 complied functions.

Delivering Data Integrity as specified by CFR 21 Part 11 by utilizing the data from the machine connected to the network.

- User Authentication Management
All user access is managed centrally.
- Audit Trail
The history of operations and actions related to production and results of operation check are recorded and displayed in list-view style for easy and quick view.
- Production Analysis
Production progress monitor and Overall Equipment Effectiveness (OEE) can be viewed in real time.
- Quality Analysis
Statistic data and individual data are recorded via Ethernet.

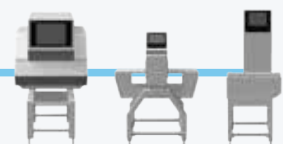


Display each data with different statistic method as your preference.

Ethernet

« Inspection results

Various inspection machines





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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.
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