Anritsu

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.
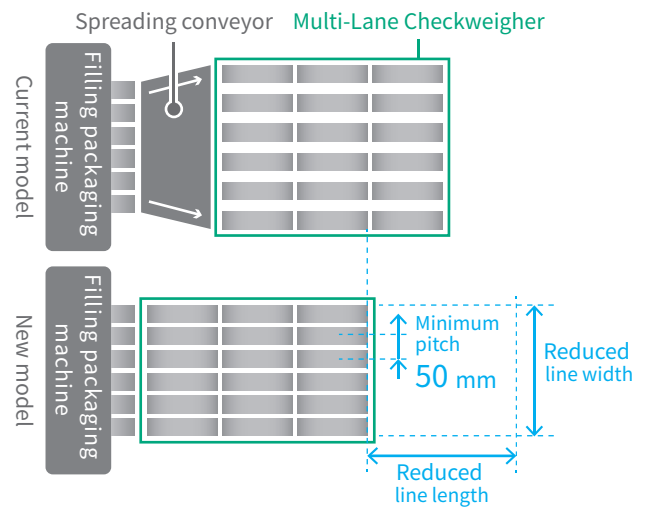
Key Advantages

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.
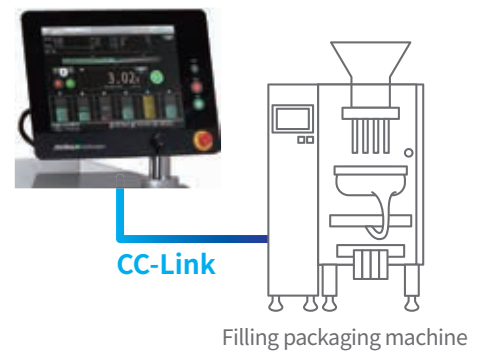

Spreading conveyor   Multi-Lane Checkweigher

Current model

Filling packaging machine

New model

Filling packaging machine

Minimum pitch
50 mm

Reduced line width

Reduced line length

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 packing 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

Filling packaging machine

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

Full-featured large display

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

Fill Adjustment

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.

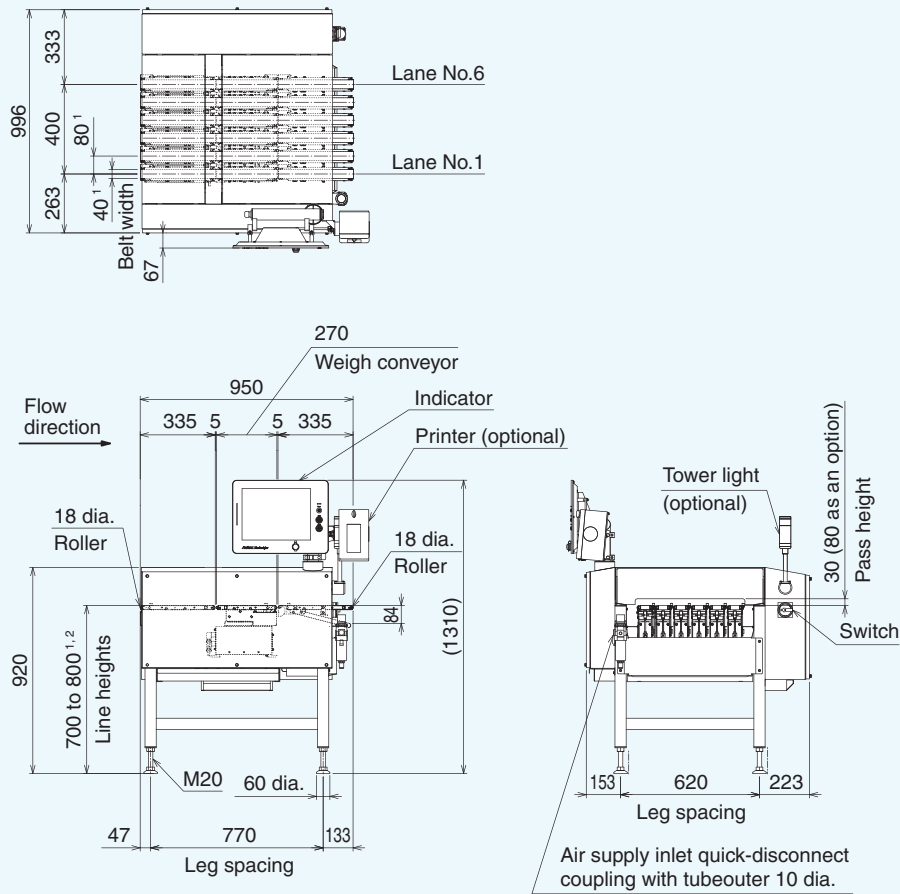## Integrate with other Anritsu products

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

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 (3σ) [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 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

Pharmaceutical Quality Assurance based on GMP

We offer a wide range of inspection solutions including weight check, 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 Checkweigher

*Non-conforming to CE marking

Pharmaceutical X-ray Inspection System

Built-In Multi-Lane Weighing System

Multi-Lane Checkweigher

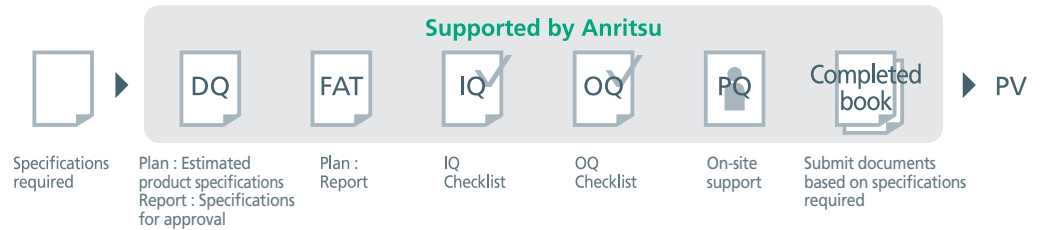**Aerosol Inhaler Checkweigher**

Small Bottle Checkweigher

*Non-conforming to CE marking

*Non-conforming to CE marking

Supporting CSV guidelines :
Validation support

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

Supported by Anritsu

| Specifications required | → | DQ | FAT | IQ | OQ | PQ | Completed book | → | PV |

| | Plan : Estimated product specifications Report : Specifications for approval | Plan : Report | IQ Checklist | OQ Checklist | On-site support | Submit documents based on specifications required |

| **Missing blister pack check** | **Missing insert check (magnetic ink)** | **Missing pack check** | **Missing carton check** |

SSV-h Series Checkweigher conforming to CFR 21 Part 11

M Series Metal Detector

SSV-h Series Checkweigher

Case Checkweigher

*Non-conforming to CE marking

*MID approval

*Non-conforming to CE marking
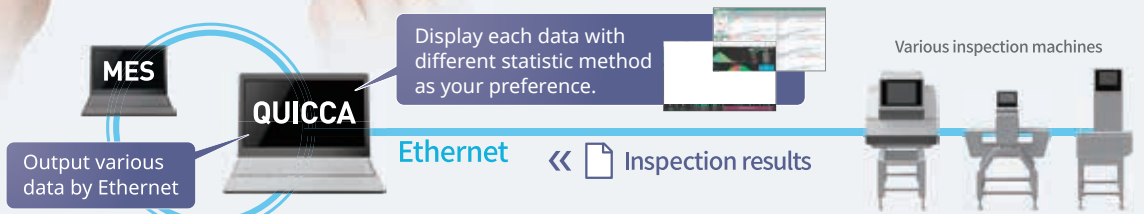
*MID approval

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.

- **Eligibility Authentication (User 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.
- **Data for Quality**
  Statistic data and individual data are recorded via Ethernet.

MES

QUICCA

Output various data by Ethernet

Display each data with different statistic method as your preference.

Various inspection machines

Ethernet « Inspection results

9

/INNitsu envision : ensure

ANRITSU INFIVIS CO., LTD.

International Sales Department
5-1-1 Onna, Atsugi-shi, Kanagawa-Prf., 243-0032, JAPAN
TEL: +81-46-296-6699   FAX: +81-46-296-6786
https://www.anritsu.com/infivis

Anritsu Industrial Solutions (Shanghai) Co., Ltd.
3F, No.55, Lane 1505, Zuchongzhi Road, Zhangjiang Hi-tech Park, Pudong New Area, Shanghai 201203, P.R.China
TEL: +86-21-5046-3066   FAX: +86-21-5046-3068

ANRITSU INFIVIS (THAILAND) CO., LTD.
700/678 Moo 1, Amata Nakorn Industrial Estate, T. Pangthong A. Pangthong Chonburi Province Thailand 20160
TEL: +66 38-447180   FAX: +66 38-447182

ANRITSU INFIVIS LTD.
Unit 3, Scott Road, Luton, LU3 3BF, United Kingdom
TEL: +44 (0)845 539 9729

ANRITSU INFIVIS INC.
1001 Cambridge Drive. Elk Grove Village, IL 60007-2453, U.S.A.
TEL: +1-847-419-9729   FAX: +1-847-537-8266

• 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.