

Built-In Multi-Lane Weighing System



From foods to precision

Anritsu's Built-In Multi-Lane Weighing Systems allow integration of high precision weighing capabilities into an existing production process with a 30-mm-wide load cell which achieves a maximum accuracy of ± 0.002 g.



Add weighing capabilities while maintaining production capacity

Anritsu focused on zero-point adjustment frequency, which can be a cause of decreasing production capacity. With our cutting edge technologies and significant experience in checkweighers, we have developed an even more sophisticated force balance load cell. It features an enhanced vibration and temperature resistance, which will lead to increased productivity.

components —

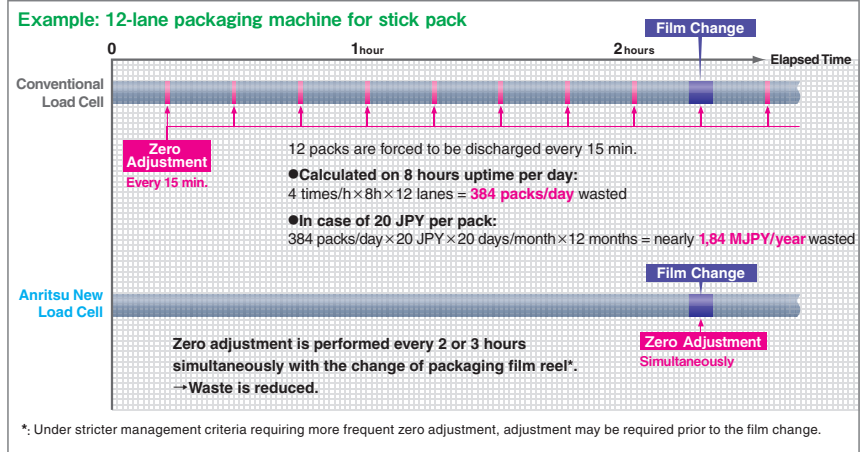


Ideal for narrow pitch weighing of small items

The 30-mm-wide load cell achieves 33-mm conveyor pitch, allowing for optimum configuration in a limited floor space. All units can be connected via one cable, further enhancing the ease of integration.

Maximize production capacity

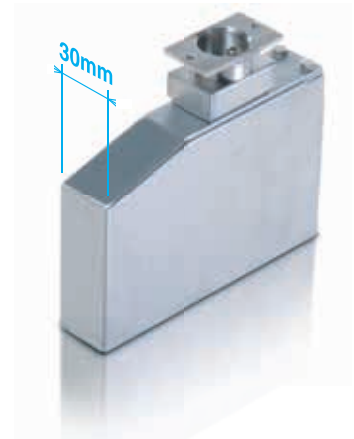
Featuring improved resistance to external effects, the load cell is 90 percent less susceptible to vibration and temperature change compared to conventional systems. The new load cell requires zero adjustment only once in a couple of hours while conventional systems required every 15 minutes, resulting in reduced product waste.



High accuracy and stability

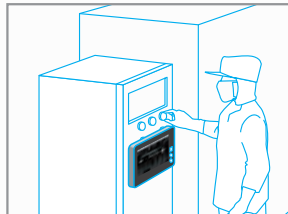
With its accumulated expertise in checkweighers, Anritsu has developed a new load cell that ensures high accuracy and repeatability with 30-mm-wide compact body.

- 30 mm slim design
- ±0.002g weighing accuracy
- Overload protection



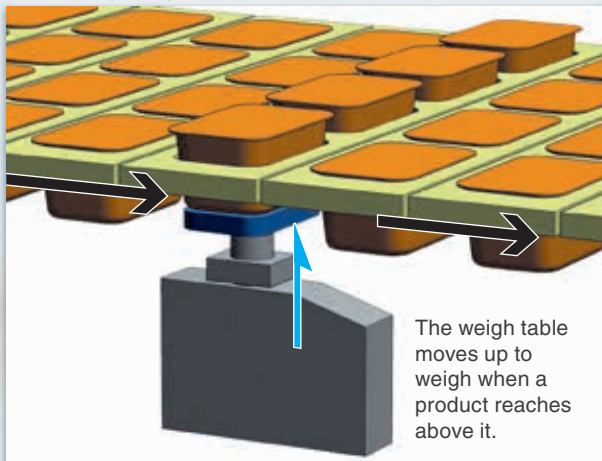
Help fill level adjustment

Large, easy to read display of measured values and deviation bar graphs allow for intuitive fill level adjustment. The high installation flexibility of the indicator further enhances the efficiency of filling.

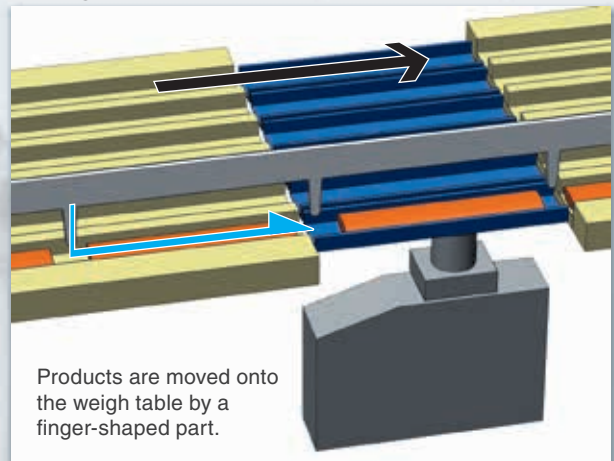


Installation Examples >>>

● Conveyor system



● Finger transfer



Compact design and simplified connection

The indicator, controller, and weighing unit come in compact design, which saves a valuable installation space. All units can be connected via one cable, ensuring the ease of installation.



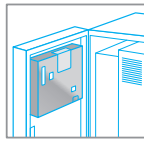
Indicator

110 mm slim design for space saving installation.



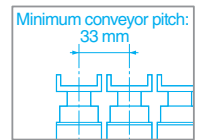
Controller

Can be connected with the indicator and weighing unit via one 10-mm-diameter cable. Compatible with CC-LINK.



Weighing unit

Advantages include narrow conveyor pitch for easy integration and high adaptability to various shapes of weigh tables.



Product Range

Built In

For integration into filling or packaging systems. Allow for space-saving line configuration.

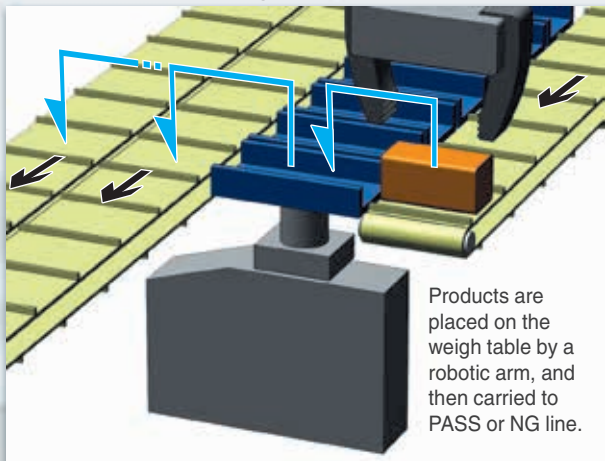


Stand Alone

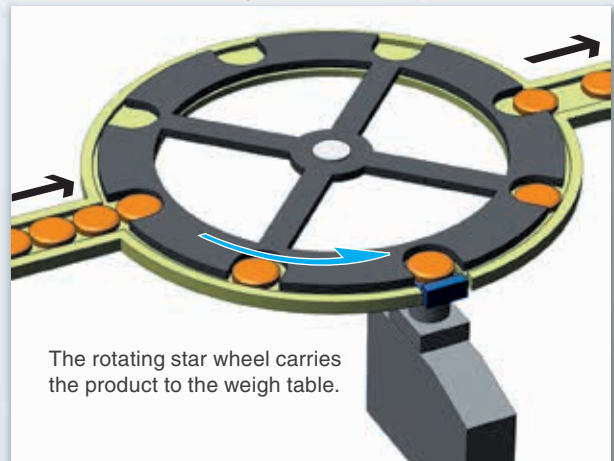
Independent controller and indicator for flexible operation.



Robotic Arm Conveyor

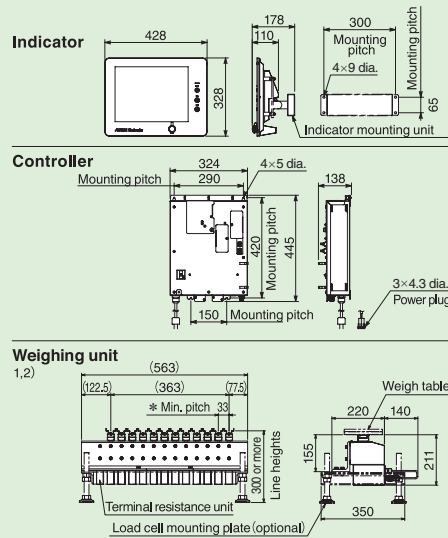


Star Wheel Conveyor



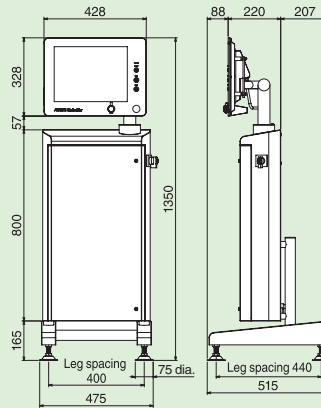
External Dimensions

KWS9006AN□□ / KWS9005AN□□

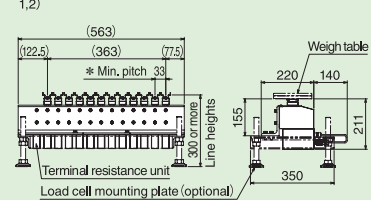


KWS9006AP□□ / KWS9005AP□□

Indicator/Controller



Weighing unit



Units: mm

1: Dimensions of weighing unit is for 12 lanes.

2: Shapes of weighing table and weighing table stand depend on the specifications. Contact us for detailed dimensions.

Specifications

Model ¹	KWS9006AN□□	KWS9006AP□□	KWS9005AN□□	KWS9005AP□□
Weighing range	0.1 to 50 g		0.2 to 100 g	
Scale interval	0.001 g		0.01 g	
Throughput ²	100 products/min per lane			
Accuracy (3σ) ²	Maximum ±0.002 g		Maximum ±0.05 g	
Display	15-inch color TFT LCD			
Operation method	Touch panel (Start, Stop, Home are direct push buttons)			
Indication range	50.090 g		100.90 g	
Preset memory	Up to 50			
Lane	Up to 12			
Power requirements	100 Vac to 120 Vac +10% -15% or 200 Vac to 240 Vac +10% -15%, single phase, 50/60 Hz, rush current 12 A (typ.) (20 ms or less)			
Power consumption	50 to 130 VA		30 to 80 VA	
Mass	Indicator: 4 kg; Controller: 6 kg; Weighing unit: 1.5 kg; Controller chassis: 40 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	Indicator: IP50; Weighing unit: IP50			
	Controller: IP20	Controller chassis: IP50	Controller: IP20	Controller chassis: IP50
Exterior	Indicator: SUS; Weighing unit: SUS			
	Controller: aluminum	Controller chassis: SUS	Controller: aluminum	Controller chassis: SUS
Data output	USB port (USB2.0), Ethernet interface (10BASE-T, 100BASE-TX)			
External I/F	I/O contact, serial or CC-Link			

1: □ indicates the number of lane.

2: Depends on the product to be weighed.

Note: The device complies with part 15 of the FCC Rules.

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

Anritsu 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.

700/678-679 Moo1, Amata City Chonburi Industrial Estate, Tambol Panthong, Amphur Panthong, Chonburi 20160 Thailand
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

© ANRITSU INFIVIS CO., LTD. 2014

ISO14001 CERTIFICATE No.JQA-EM0210
ISO 9001 CERTIFICATE No.JQA-0316

• 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.

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.



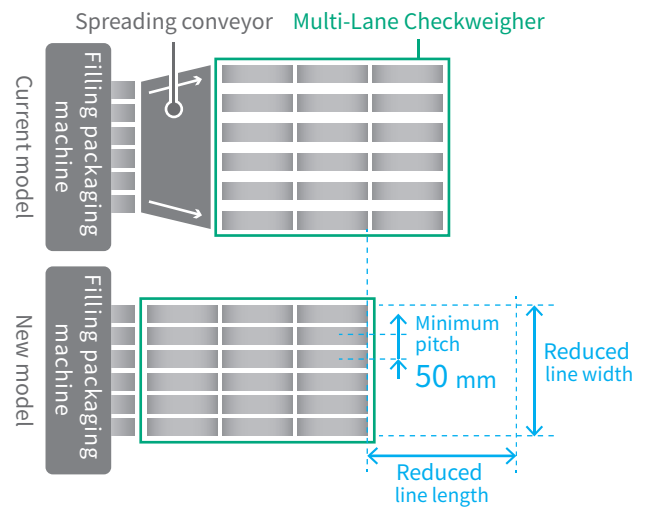


Small footprint, independent lanes, trend control

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.



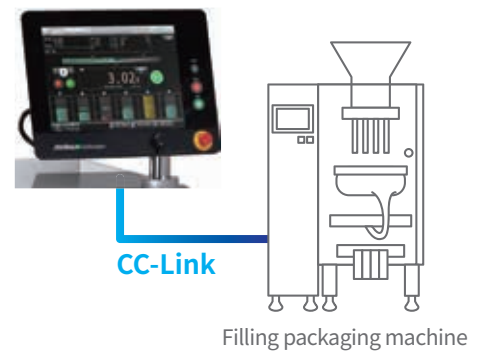
2 Independent lanes

- 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.



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.

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



Built-In Multi-Lane Weighing System



Multi-Lane Checkweigher



Aerosol Inhaler Checkweigher



Small Bottle Checkweigher



*Non-conforming to CE marking

Pharmaceutical X-ray Inspection System



*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.



Missing blister pack check



SSV-h Series Checkweigher conforming to CFR 21 Part 11



Missing insert check (magnetic ink)



M Series Metal Detector



Missing pack check



SSV-h Series Checkweigher



Missing carton check



Case Checkweigher



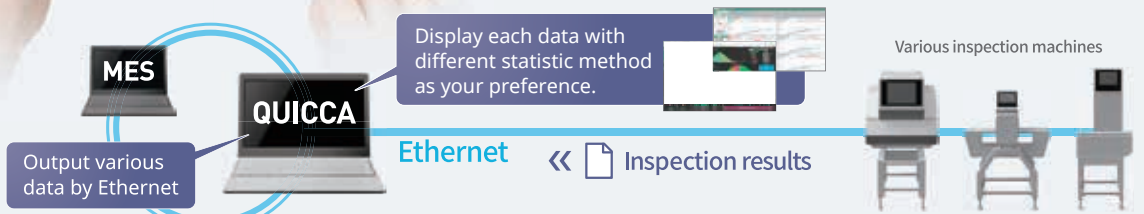
Quicca Pharma

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.





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.

700/678-679 Moo1, Amata City Chonburi Industrial Estate, Tambol Panthong, Amphur Panthong, Chonburi 20160 Thailand
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

© ANRITSU INFIVIS CO., LTD. 2018

ISO14001 CERTIFICATE No.JQA-EM0210
ISO 9001 CERTIFICATE No.JQA-0316

- 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.