

Product Brochure

October 2019



Capsule Checkweigher



Industry-leading weighing performance enhances both production and research & development efforts.



Industry's highest
weighing accuracy *

+/-0.5 mg

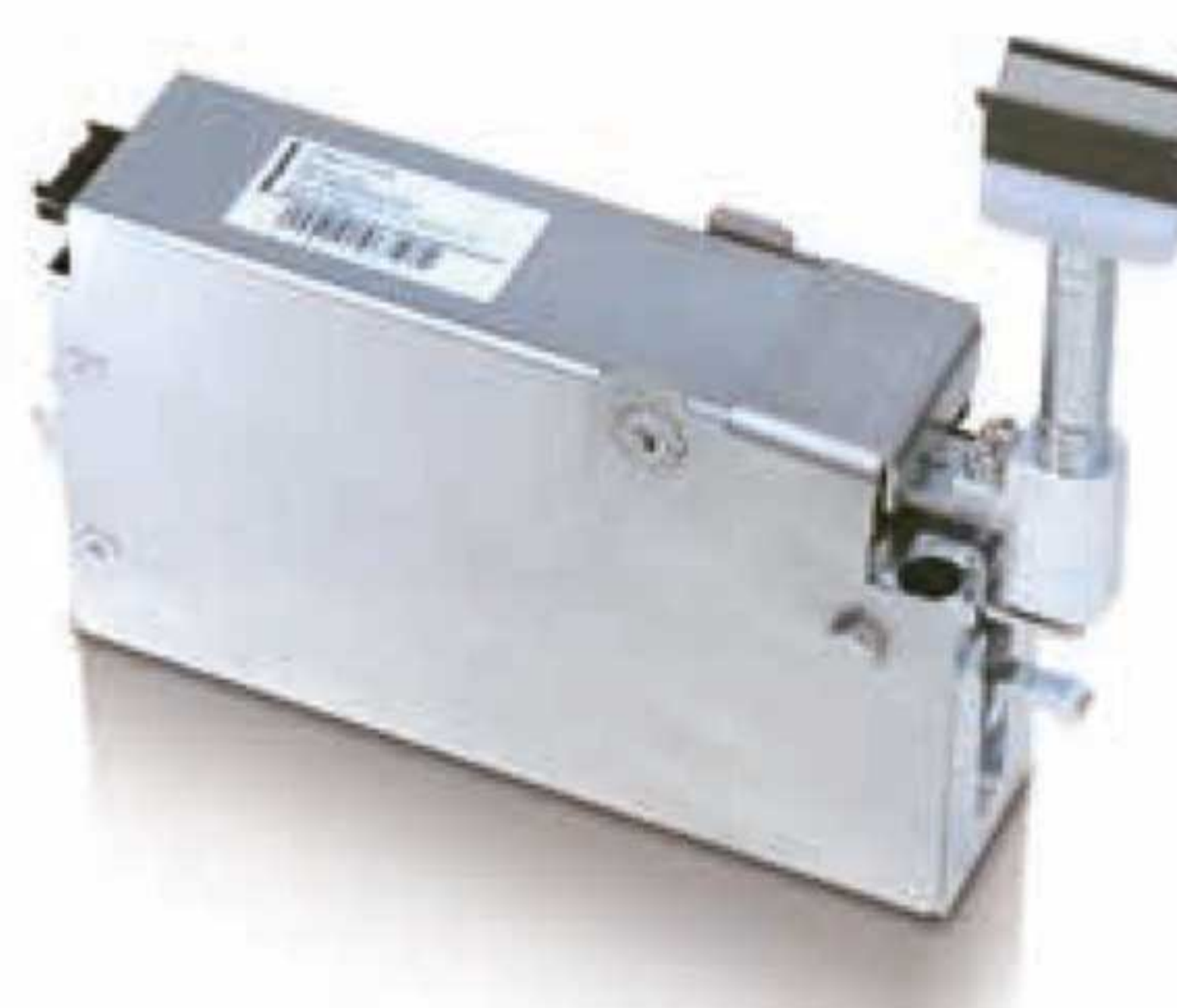
* Based on our survey results.



Best weighing solution for capsules containing active pharmaceutical ingredients.

Slight variances in active pharmaceutical ingredients can have a large impact on a drug's efficacy.

Anritsu's force balance weighing technology provides the industry's highest weight accuracy of +/-0.5 mg, meeting even the most stringent standards for capsules containing high potency active pharmaceutical ingredients.



Force Balance Load Cell

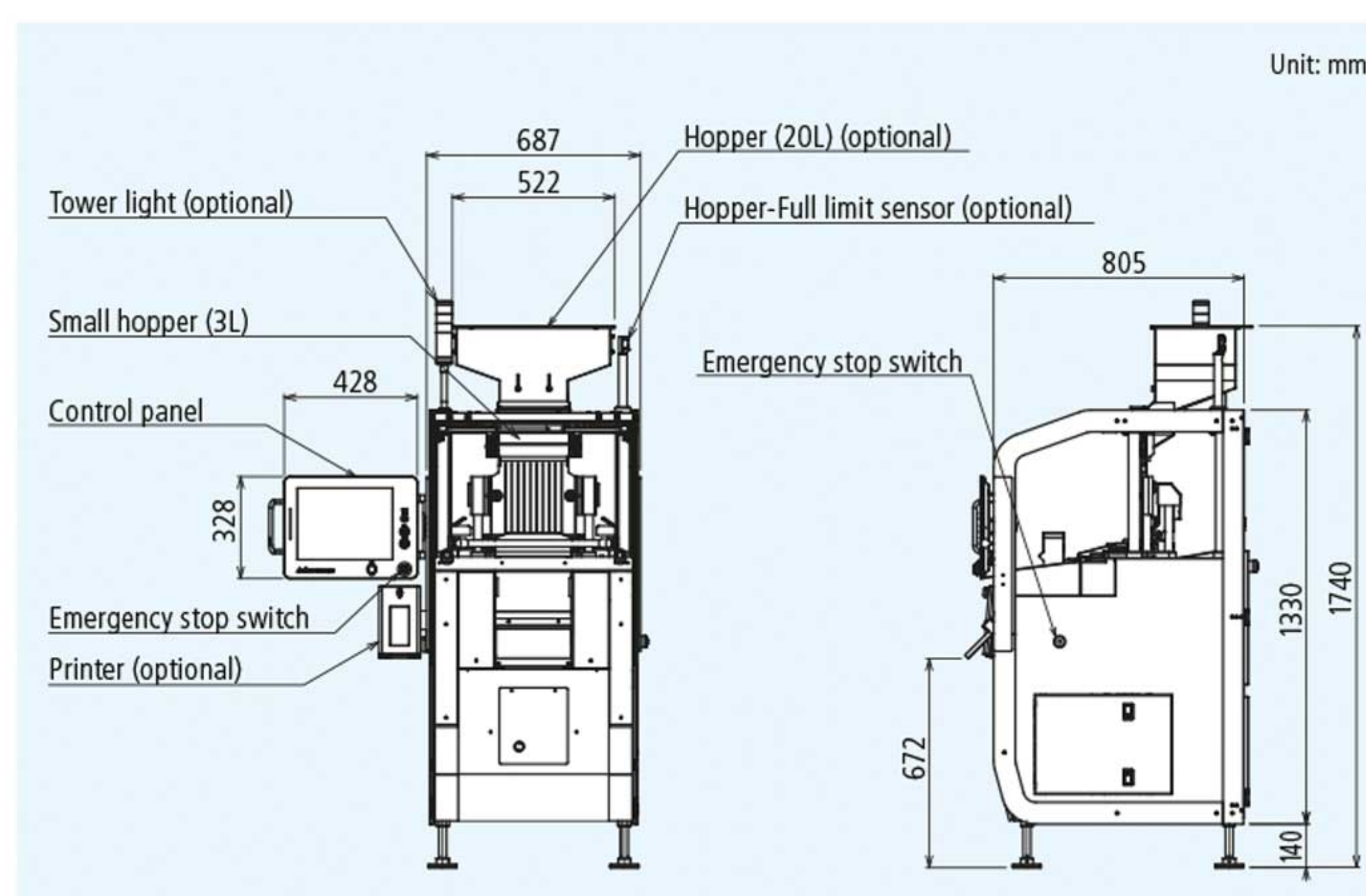
For over 50 years, Anritsu has proudly developed and manufactured load cells in-house.

Our advanced force balance load cell achieves ultra-precise weighing all while maintaining a compact size well suited for pharmaceutical applications.

External Dimensions

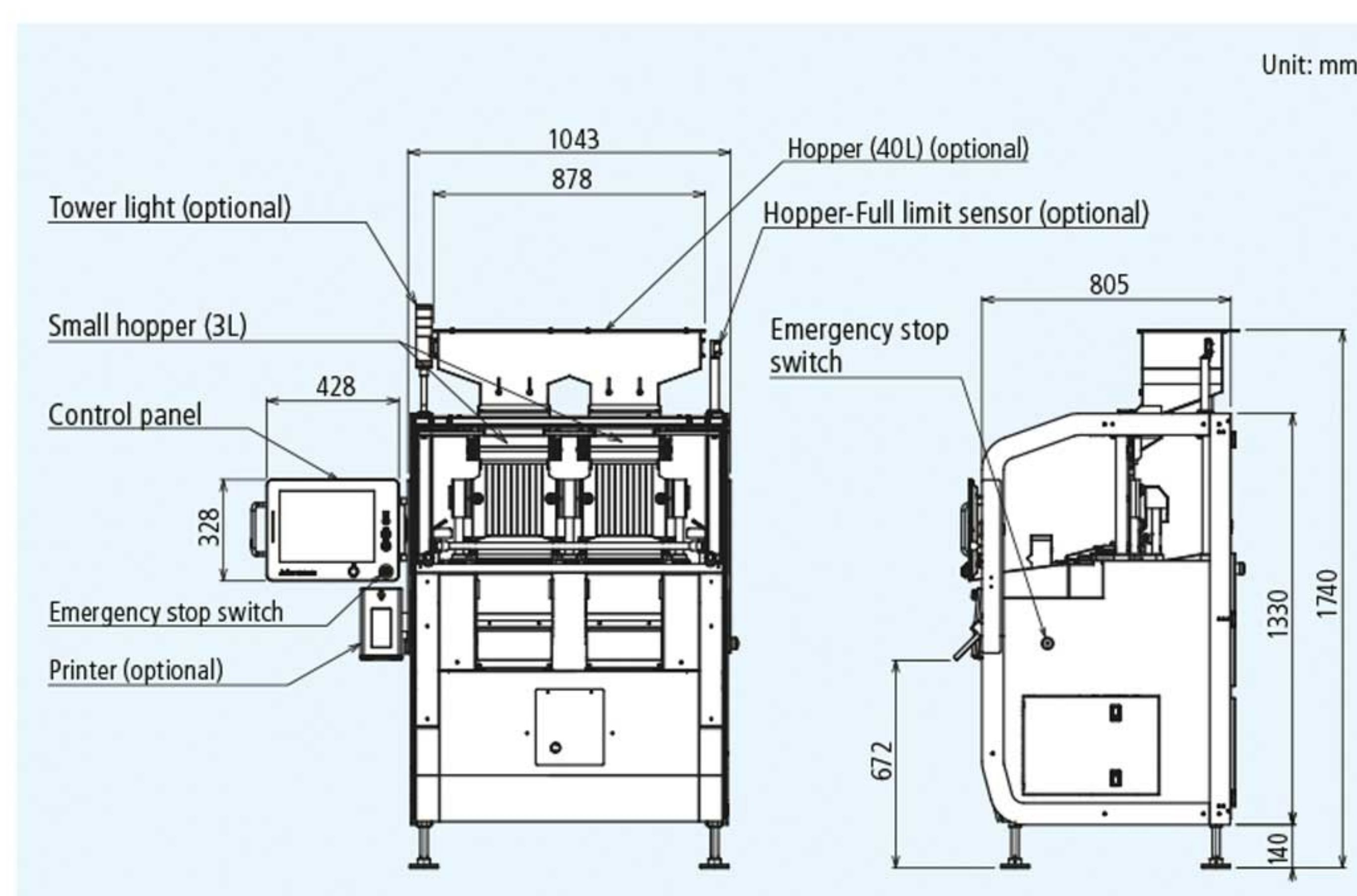
KWS9001AP10 (10 lanes)

Maximum throughput: 75,000 capsules/h



KWS9001AP20 (20 lanes)

Maximum throughput: 150,000 capsules/h



Specifications



Model	KWS9001AP10	KWS9001AP20
Weighing range	2 to 2000 mg	
Scale interval	0.1 mg	
Maximum throughput ¹	75,000 capsules/h	150,000 capsules/h
Lane	10 lanes	20 lanes
Maximum accuracy (3σ)	+/-0.5 mg	
Display	15-inch color LCD	
Operation method	Touch panel + Key (Start, Stop, and Home are direct push buttons)	
Indication range	2045.0 mg	
Preset memory	Maximum 50	
Classification ²	4 ways (overweight/correct weight/underweight/unclassified)	
Product size	Capsule No. 000 to 5	
Power requirements ³	100 Vac to 115 Vac +10% -15%, single phase, 50/60 Hz, rush current 74 A (typ) (90 ms or less)	
Power consumption	550 VA	1200 VA
Air requirements	0.3 to 0.9 MPa, Air supply port: nylon tube of 8 mm dia.	
Mass	350 kg	500 kg
Environmental conditions	15°C to 30°C (variation not to exceed 1°C/h to maintain accuracy), relative humidity 30% to 70% (non-condensing)	
Protection class	IP30 (IP50 for weighcell)	
Exterior	Stainless steel (SUS304)	
Data output	USB port (USB 2.0)	

1: Maximum throughput and maximum accuracy may vary depending on capsule size, filling content and quantity.

2: A rejection gate is installed per 10 lanes.

3: 120 Vac, 200 Vac to 240 Vac are available as an option.

Note: The noise level of the checkweigher is 78 dB(A) or less.



DESCUBRE MÁS EN

www.taglermaq.cl

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



Built-In Multi-Lane Weighing System



Pharmaceutical X-ray Inspection System



Multi-Lane Checkweigher



Aerosol Inhaler Checkweigher



*Non-conforming to CE marking

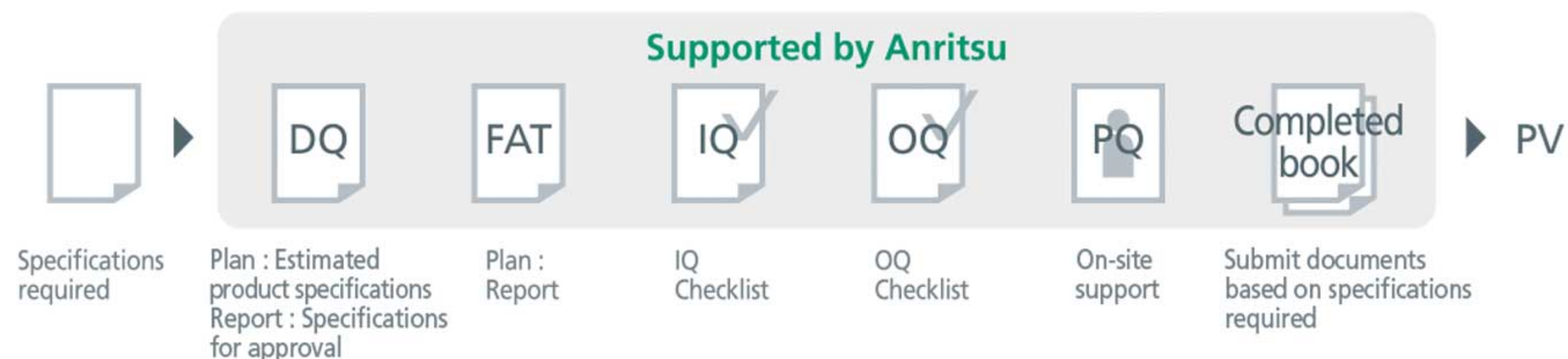
Small Bottle Checkweigher



*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



*Non-conforming to CE marking

Missing pack check



SSV-h Series Checkweigher



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.

- **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.

