

PERFECTION IN EVERY DETAIL

CW-ERS-02/600/0

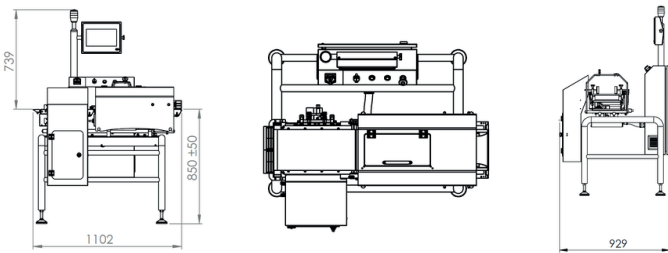


Performance

Weighing Range	20 g – 600 g
Accuracy	≤ 0.2 g
Maximum Capacity	Up to 250 units/minute
Maximum Belt Speed	80 meters/minute
Scale Interval (n)	3000 divisions
Accuracy Class	XIII(1)

Mechanical & Electrical

Frame Structure	AISI 304 Stainless Steel
Protection Class	IP54 (Standard) / IP65 (Optional)
Weighing Conveyor (Width)	(G): 150–200 mm
Weighing Conveyor (Length)	(U): 200–400 mm
Operating Height	650–1100 mm (±50 mm)
Power Supply	100–240 VAC (50/60 Hz)
Power Consumption	400 W / 2.30 A
Operating Temperature	+5 °C – +40 °C
Belt Replacement	Quick Belt Replacement System



Connection & Control

Connection Ports	Ethernet (TCP/IP), USB, Modbus TCP
Display Unit	10" Color Touchscreen HMI & Remote Access (VNC/Web Server)
Data Management	Real-time statistics, USB reporting, batch & log reports, exportable reports (CSV)
Software Language	Multi-language support (TR / EN / DE etc.)

Technical Specifications

The ERS CW-02 Series is designed to deliver maximum weighing accuracy for products up to 600 grams in high-speed production lines.

Fully compatible with modern manufacturing requirements, the system digitizes production data, enabling transparent, traceable, and optimized process management.

Standard Equipment & Technology

Smart Reporting: Production data, error reports, and statistics can be exported via USB in Excel formats.

User Interface: Operator-friendly graphical menu with a 10.2" wide color touchscreen HMI.

Precision Control: High-resolution load cell technology combined with advanced digital filtering algorithms.

Hygienic Design: Food-grade construction with AISI 304 stainless steel frame and easy-removable conveyor belt system.

Security: Multi-level password-protected user access and operation logs.

Feedback Signal: The system analyzes the average weight of measured products and sends feedback signals to the production line, ensuring weight optimization and process stability.

Seamless Integration: Supports Modbus, RS232, and Ethernet TCP/IP, enabling data exchange with ERP / MES systems.

Regulations & Certifications

- **MID Certified (2014/32/EU):** Fully compliant with the 2014/32/ EU Directive, providing legal validity for commercial weighing operations.
- **CE & ISO 9001:** Manufactured in accordance with European safety standards and ISO 9001 quality management systems.
- **HACCP Compliant:** Designed with suitable materials and hygienic construction to meet food safety audit requirements (BRC, IFS).