

# PERFECTION IN EVERY DETAIL

CW-ERS-100/30000/0



ERS

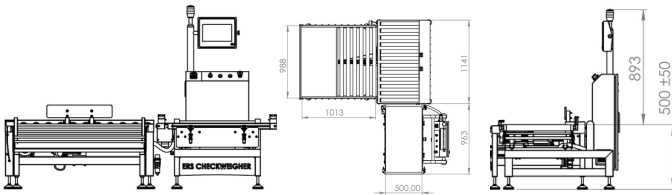


## Performance

<b>Weighing Range</b>	200 g – 30000 g
<b>Accuracy</b>	≥ 10 g
<b>Maximum Capacity</b>	45 units per minute
<b>Maximum Belt Speed</b>	60 meters per minute
<b>Number of Scale Divisions (n)</b>	3000 divisions
<b>Accuracy Class</b>	XIII(1)

## Mechanical & Electrical

<b>Body Structure</b>	Electrostatic Powder-Coated (Standard) / AISI 304 Stainless Steel (Optional)
<b>Protection Class</b>	IP54 (Standard) / IP65 (Optional)
<b>Weighing Conveyor (G)</b>	500–600 mm
<b>Weighing Conveyor (U)</b>	500–750 mm
<b>Operating Height</b>	350–1100 mm (±50 mm)
<b>Power Supply</b>	100–240 VAC (50/60 Hz)
<b>Power Consumption</b>	600 W / 3.50 A
<b>Operating Temperature</b>	+5 °C – +40 °C
<b>Belt Replacement</b>	Quick Belt Replacement Convenience



## Connectivity & Control

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

## Technical Specifications

Optimize your quality control processes with the ERS CW ERS-100/30000/0 Box Checkweigher model. Designed to deliver maximum accuracy for products up to 30,000 grams on high-speed production lines, the system ensures reliable and consistent weighing performance. The integrated reporting system provides valuable production data and operational insights.

## Standard Equipment & Technology

- **Smart Reporting:** Production data, error reports, and statistics can be exported via USB in Excel format.
- **User Interface:** Operator-friendly 10.2" wide color touchscreen (HMI) with an intuitive graphical menu.
- **Precision Control:** High-resolution load cell technology combined with advanced digital filtering algorithms.
- **Hygienic Design:** Fully AISI 304 stainless steel frame designed for food safety, with an easy-to-remove conveyor belt structure.
- **Security:** Multi-level password-protected user access and operation logs (log system).
- **Feedback Signal:** The checkweigher sends a feedback signal based on the average weight of measured products, enabling weight optimization in production and ensuring process stability. Feedback can be transmitted to the production line via digital signals or communication protocols.
- **Seamless Integration:** Supports Modbus, RS232, and Ethernet TCP/IP for data exchange with ERP / MES systems.

## Regulations & Certifications

- **MID Certified (2014/32/EU):** Fully compliant with the 2014/32/ EU Directive, ensuring legal validity for commercial weighing applications.
- **CE & ISO 9001:** Manufactured in accordance with European safety regulations and ISO 9001 quality management standards.
- **HACCP Compliant:** Designed with suitable materials and construction for food safety audits (BRC, IFS).

# ERS