Egret Series

Versatile Checkweigher

High Speed, Great Efficient
250 pcs/min

Wide Weighing Range
20~1500 g

IP65

Display Accuracy
±0.1 g

Best Accuracy
±0.3 g

Designed to enhance efficiency and reduce costs, Egret delivers high precision, ease of use, and strong adaptability across industries.

Precision and Stability

Patented floating taut band weightable; supports up to 400 ppm with automated rejection for weighing, rejecting non-conforming product and quality controlling.

Easy Maintenance

Hygienic round-tube frame, **IP65 washdown**, food-grade design, compact layout, adjustable height for online weighing applications in various industrial settings.

Cross-Industry Compatibility

Suitable for dry and wet environments: food, pharma, personal care, chemicals, petrochemicals, rubber, automotive, new energy, consumer goods, and more. full coverage of weight control across all industries.

Food Industry
Pharmaceutical Industry
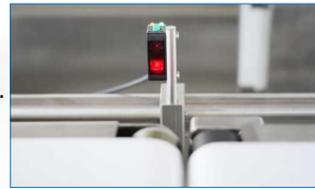Personal Care
Meat Industry

Egret Series

Versatile Checkweigher

Stable and Precise Performance

High Precision

- Photoelectric sensors detect product position. It can maintain excellent precision even at high speeds.
- **AI dynamic learning** simplifies installation and setup.

Stable and Durability

- Full stainless-steel construction, robust and durable.
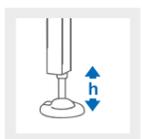- High-torque sealed servo motors with minimal maintenance.

Hygienic Design

- Compact, small footprint; Cleanable in under **5** minutes.
- Smooth surfaces reduce dirt accumulation and clogging risk.

Easy Maintenance

- Tool-free conveyor and belt replacement. Quick-connect cables and modular electronics enable maintenance within 15 minutes.

Height adjustable

Smart and User-Friendly Operation

User-Friendly Interface

- Proprietary operating system, safe and reliable. **15**-inch touchscreen;
- The graphical interface is intuitive and user-friendly;
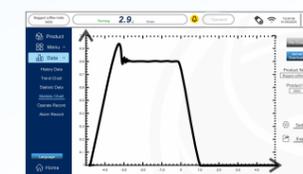- Multi-language support and permission control.

Intelligent Learning

- **AI-based** intelligent dynamic filtering; automatic optimization;

Sampling Time Control

- Adaptive sampling settings for different product types;
- Scenario-based visualization to improve accuracy and efficiency.

Data Analytics

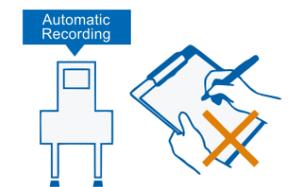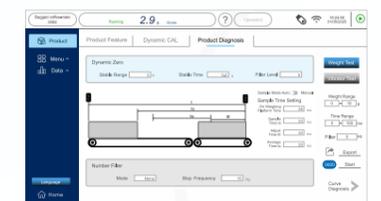- Multiple big-data analysis dashboards; Real-time production trend monitoring with **SPC**;
- Up to **200** product recipes improve the efficiency of production turnover;
- **400 GB** data storage for full traceability;

Automatic Recording

All-in-One Inspection Upgrade Solution

To enhance end-to-end quality control, the Egret series can be seamlessly integrated with General Measure's **Kestrel 500 or Plover 100 metal detectors**. This combination forms a unified workstation that delivers both precise weight control and metal contamination detection, significantly improving production efficiency and product qualification rates.
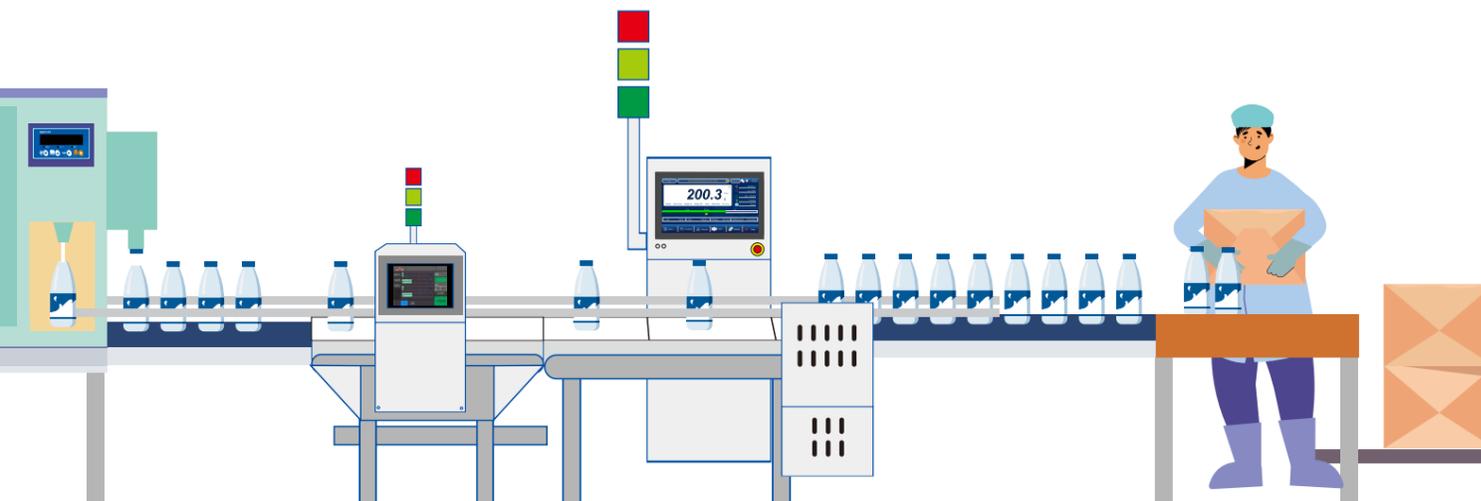
Kestrel 500 metal detector

Plover 100 metal detector

Embedded Integration

- The checkweighing module can be flexibly embedded into large upstream or downstream packaging or filling systems. Guided by external control units, it divert qualified and unqualified products, enabling efficient, streamlined production line management.
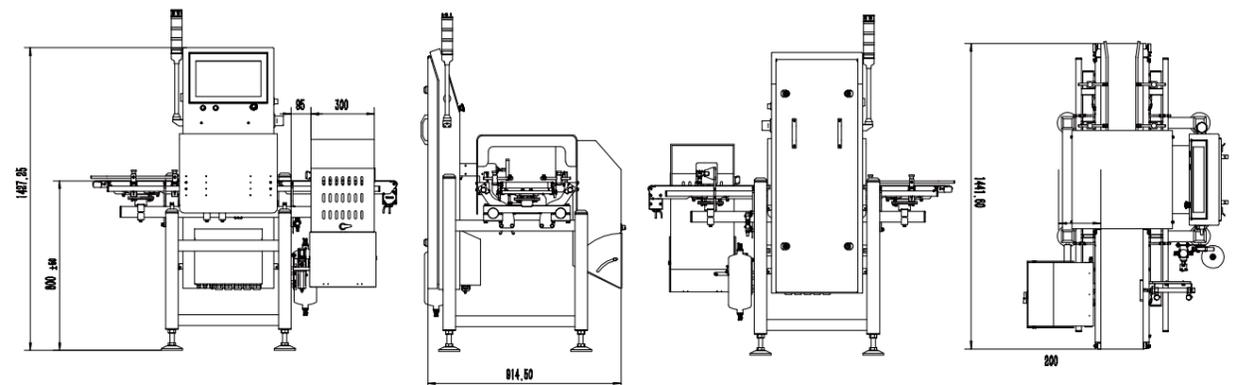
Technical Specifications

Model	Egret C-200
Weight Range	20~1,500g (0.044~3.31lb)
Speed	250 ppm
Accuracy	±0.3g
Motor	Servo Motor
Structure	SS304 / Aluminum
IP Grade	Standard **IP65**
Operating Temperature	0°C~+45°C (+32°F~+113°F)
Humidity	20%~90%，Non- condensing
Power Supply	90-250 VAC,50/60 HZ 5A
Air Supply	5.5-6.9 bar (80-100 psi)
Line Height	830mm(24.8 inch)~1150mm(45.3 inch)
Communication	RS232/422/485, Allen Bradley Remote I/O, Ethernet TCP/IP, Modbus RTU, Modbus TCP/IP

1. The actual accuracy depends on the product's length, weight, speed and stability.
2. The push rejector needs an independent conveying device, and the cantilever length of the conveyor should not exceed 1250mm (combined configuration).

Dimensions（Unit：mm）

*Parameters and dimensions may be upgraded.
Please consult in real time for the latest information.