

E Linear Scale

EM Series Linear Scale
EVM Series Linear Scale

series

Parsons-Eagle E Series Linear Scales are a superb choice for all free flowing and semi-free flowing products such as pet food, pet litter, sugar, plastic pellets, meals, grains, rice, granulated chemicals, detergents and more! The E Series of Linear Scales are ideally suited for large pre-made bag, case and drum filling applications for weight sizes from 10 pounds up to 110 pounds and can be configured for simple semi-automatic applications or fully integrated high-speed production lines.

The E Series Linear Scales set the industry standard for net weigh scale performance and throughput. The unique combination of high-speed weighments, user-friendly design, superb accuracy and sanitary construction optimizes your production environment and increases your profitability. With over 90 years of product handling experience, Parsons-Eagle engineers are able to evaluate your product requirements and configure an optimized feed system that will provide consistent and accurate product flow and weighments. EM (gravity) and EVM (gravity and vibratory) feed systems are custom engineered to the unique specifications of your application.

Speed, Accuracy and Reliability

The E Series Linear Scale weigh head design uses strain gauge load cells with optional full load calibration weights to provide and maintain precise weight sensing and control in a variety of production environments and conditions. The load cell and controller card are mounted in dust tight enclosures thereby isolating critical scale components from the rigors of the production environment.

User-Friendly Design

Our E Series Linear scale software, whether PLC or PC-based, represents the most sophisticated and user-friendly digital scale control technology in the industry. Our simply designed, user-friendly color touchscreen terminal offers intuitive set-up, data monitoring and diagnostic capabilities. The E Series Linear scale software provides informative Help screens on every visual display. By simply touching the Help icon, the operator will have instant access to easy-to-understand explanations for machine control or diagnostic questions. The Linear scale software packages can offer up to 108 product set-ups that can easily be entered and retrieved through the color touchscreen interface.

Sanitary Construction

Our E Series Linear scales are designed for clean and sanitary operation in dry, wipe-down packaging environments. Our main feed chute design is self-purging while maintaining positive and consistent control of product flow. All product contact surfaces are made from heavy gauge stainless steel with smooth welded seams and generously radiused corners.



Duplex EVM
Linear Scale



Parsons-EAGLE
PACKAGING SYSTEMS

A Division of Campbell Wrapper Corporation

E Series Specifications

| Model: | Duplex EM | Duplex EVM | Quadplex EM | Quadplex EVM |
|---------------------------|--|--|--|--|
| Weight Range: | 5kg. - 50kg. | 5kg. - 50kg. | 5kg. - 50kg. | 5kg. - 50kg. |
| Scale Resolution: | 5g. | 5g. | 5g. | 5g. |
| Typical Accuracy: | <20 g. avg. giveaway at 10kg. | <20 g. avg. giveaway at 10kg. | <20 g. avg. giveaway at 10kg. | <20 g. avg. giveaway at 10kg. |
| Standard Rates: | 18-24 weighments per minute | 18-24 weighments per minute | 34-44 weighments per minute | 34-44 weighments per minute |
| High Speed Rates: | 24-30 weighments per minute | 24-30 weighments per minute | 46-56 weighments per minute | 46-56 weighments per minute |
| Number of Weigh Heads: | 2 | 2 | 4 | 4 |
| Main Feed System: | Gravity | Gravity | Gravity | Gravity |
| Dribble Feed System: | Gravity | Vibratory | Gravity | Vibratory |
| Bucket Volume: (working) | 2.8 cu. ft. | 2.8 cu. ft. | 2.8 cu. ft. | 2.8 cu. ft. |
| Discharge: | Single or Dual | Single or Dual | Dual | Dual |
| Product Contact Material: | Heavy gauge stainless steel with smooth welded seams | Heavy gauge stainless steel with smooth welded seams | Heavy gauge stainless steel with smooth welded seams | Heavy gauge stainless steel with smooth welded seams |
| Sub Frame: | Sanitary steel tube and angle construction | Sanitary steel tube and angle construction | Sanitary steel tube and angle construction | Sanitary steel tube and angle construction |
| Power Requirements: | 120V, 60Hz, 1Ph, 15 Amp | 120V, 60Hz, 1Ph, 15 Amp | 120V, 60Hz, 1Ph, 15 Amp | 120V, 60Hz, 1Ph, 15 Amp |
| Air Requirements: | 3 SCFM at 80 PSI | 3 SCFM at 80 PSI | 6 SCFM at 80 PSI | 6 SCFM at 80 PSI |
| Electrical Enclosures: | NEMA 12 | NEMA 12 | NEMA 12 | NEMA 12 |
| Controller: | Industrial PC or PLC | Industrial PC or PLC | Industrial PC or PLC | Industrial PC or PLC |
| Operator Terminal: | Color touchscreen | Color touchscreen | Color touchscreen | Color touchscreen |
| Product Set-ups: | 18 | 18 | 18 | 18 |
| Approx. Shipping Weight: | 2,000 lbs. | 2,200 lbs. | 4,000 lbs. | 4,400 lbs. |

Features



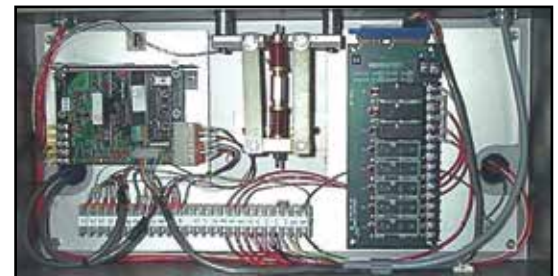
Operator Interface Terminal

- Color touchscreen
- Intuitive, user-friendly interface
- Help screens on every page



Vibratory Product Feed Systems

- Precise digital feed control
- Radiused corner stainless steel construction
- Easy access for cleaning and wipe down



Weigh Head Enclosure (PC-based control shown)

- Dust proof
- Convenient access to weigh head components
- Collapsible spring protection for load cell

Options

- Automatic flow plate adjustment
- 108 product setups
- Pneumatic bag clamps for semi-automatic operation
- Drum or case conveyors
- Integrated dust control
- Overhead or scale base mounting configurations
- Special designs for hazardous or corrosive materials



A Division of Campbell Wrapper Corporation

1415 Fortune Avenue, De Pere, WI 54115
Phone: (920) 983-7100, Fax: (920) 983-7300

Web: www.parsons-eagle.com
E-mail: pesales@parsons-eagle.com

Proven Applications

- Detergents
- Granulated Chemicals
- Pet Food & Litter
- Rice
- Treated or Untreated Seeds
- Grains
- Ground Meal
- Plastic Pellets
- Salt & Sugar
- ...many more!