



### STANDARD FEATURES

- Weighs with accuracy of + or - 1% error
- Weighs granular, non-spaced product
- Eliminates the need to transfer product to a remote floor scale
- Bulk material handling
- Reduces labor required in determining accurate bulk weights
- Direct food contact belting
- Washdown and chemical tolerant
- Food grade and non-food grade versions available
- Fill point shutoff capable

#### Applications

- Small food products, granular materials, legumes, nuts, cereals, dry chemicals and bulk material handling of small product

### SPECIFICATIONS\*

#### POWER:

Line voltages: 115 or 230 VAC  
Frequency: 50 or 60 Hz  
Power consumption: 340 mA, maximum @ 115 VAC (26 W) 240 mA @ 230 VAC (26 W)

#### EXCITATION VOLTAGE:

10 ± VDC, 16 x 350 Ω or 32 x 700 Ω load cells per A/D card

#### ANALOG SIGNAL INPUT RANGE:

-10 mV to +45 mV

#### ANALOG SIGNAL SENSITIVITY:

0.3 μV/graduation minimum @ 7.5 Hz  
1.0 μV/graduation typical @ 120 Hz  
4.0 μV/graduation typical @ 960 Hz

#### A/D SAMPLE RATE:

7.5 to 960 Hz, software selectable

#### RESOLUTION:

Internal resolution: 8 million counts  
Weight display resolution: 9,999,999

#### SYSTEM LINEARITY:

± 0.01% full scale

#### DIGITAL I/O:

Four I/O channels on CPU board; optional 24-channel I/O expansion boards available

#### CIRCUIT PROTECTION:

RFI, EMI, ESD protection

#### SERIAL PORTS:

Four ports on CPU board support up to 115,200 bps; optional dual-channel serial expansion boards available  
Port 1: Full duplex RS-232  
Port 2: RS-232 with CTS/RTS; PS/2 keyboard interface via DB-9 connector  
Port 3: Full duplex RS-232, 20 mA output  
Port 4: Full duplex RS-232, 2-wire RS-485, 20 mA output

#### DISPLAY (W X H):

4.6 in x 3.4 in (116 W x 86 mm H), 320 x 240 pixel VGA Liquid Crystal Display (LCD) module with adjustable contrast

#### DIMENSIONS:

Universal: 10.5 in W x 10.9 in H x 4.5 in D  
(266 W x 215 H x 114 mm D)  
Deep Universal: 10.75 in W x 10.75 in H x 5.4 in D  
(273 W x 273 H x 137 mm D)

#### WEIGHT:

Universal enclosure: 9.5 lb (4.3 kg)  
Panel Mount enclosure: 8.5 lb (3.9 kg)  
Deep Universal: 11 lb (5.0 kg)

#### KEYBOARD:

27-key membrane panel, tactile feel, PS/2 port for external keyboard connection

#### OPERATING TEMPERATURE:

Legal: 14°F to 104°F (-10°C to +40°C)  
Industrial: 14°F to 122°F (-10°C to +50°C)

#### RATING/MATERIAL:

NEMA 4X/IP66, stainless steel

#### APPROVALS:

CE marked  
UL & C-UL listed (Universal, Deep & Wall Mount)  
Custom Wall Mount approved for 508A (optional)  
Panel Mount UL recognized

#### WARRANTY:

Two-year limited warranty

\*Indicator/Controller specifications

Due to the variety of configurations, please consult the factory to discuss application requirements and for complete specifications and price quotations.