

## LIGHTSPEED CHECKWEIGHERS

### Ultra-fast readings with incredible stability.

Lightspeed Checkweighers are perfectly suited to virtually all portioning, checking and light industrial weighing applications.

### FEATURES

- Classic scale base design for proven performance, strength, drainage, and sanitation
- Stainless frame and column are thicker and heavier than competitor's models
- Large LED Display with 3 color bar graph
- Fully sealed 7 button membrane keypad
- DYNArrest Vibration Filtering System for remarkably fast, stable readings in high vibration (industrial) areas
- Easy to use Quick Target acquisition
- NEMA 4X / IP65
- Streamlined to reduce bulk
- Store up to 100 Product IDs and weight ranges
- Print tickets / labels and build program macros
- Password and Category 1 Audit Trail system
- 4 Corner overload stops
- Corrosion resistant power cord



### SPECIFICATIONS

#### POWER REQUIREMENTS

- 100-240 VAC 50/60 Hz 0.20 A
- Consumption: 200 mA (48 W) max

#### EXCITATION

- 5 VDC

#### ANALOG INPUT RANGE

- 0-19 mV

#### RESOLUTION

- 1,000,000 internal A/D counts
- 5,000 d (Complete unit LFT)
- Up to 50,000 NLFT.

#### MEASUREMENT RATE

- 100 weight samples/second dependent on filter settings.

#### ANALOG SIGNAL SENSITIVITY

- .3µV

#### SYSTEM LINEARITY

- 0.01% of Full Scale

#### RFI PROTECTION

- Filtered Excitation, Signal, and Sense lines

#### COMMUNICATIONS

- 2 fully configurable, full duplex RS-232 serial ports.
- Fully configurable data format and selectable output strings.
- Optional Wireless, Ethernet & USB Communication Modules

#### KEYPAD

- Membrane keypad: 7 keys

#### DISPLAY

- 7/8" (22 mm) LED display
- 6 digits (7 segments each)
- 3 color LED bar graph

#### ENCLOSURE

- 304 stainless steel with bracket
- Tough & dependable with anti-condensation breather vent
- NEMA 4X / IP65 wash down safe

#### LOAD CELL

- NTEP Approved
- Anodized aluminum (IP66)
- Sense wires for temp. comp.
- Optional Stainless steel

#### SCALE BASES

- 9" x 9": 5, 10, & 25 lb cap.
- 12" x 12": 25 & 50 lb cap.
- 12 GA. 304 stainless steel frame

#### DIMENSIONS & WEIGHT (Approx.)

- LSC 99: 12" x 9" x 17"  
(30cm x 23cm x 43cm)  
14 lb (6.5 kg)
- LSC 1212: 14" x 12" x 17"  
(35cm x 30cm x 43cm)  
18 lb (8.25 kg)

#### OPERATING TEMPERATURE

- 14°F to 104°F (-10°C to 40°C)

#### APPROVALS

- NTEP Class III (5,000):  
08-014 & 08-088
- Measurement Canada Class III  
(5,000): AM-5699 & AM-5698
- ETL Listed (US & Canada)

#### WARRANTY

- 2 year standard warranty