



**WESTERN SCALE CO. LTD.**

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## MAX BATTERY POWERED INDICATOR

### **Maximum Visibility, Stability & Battery Life**

The MAX LCD indicator's unique features deliver a high performance solution for challenging mobile and dynamic weighing applications.

### FEATURES

- 3 Power Modes:
  - AC Power
  - 12 Volt battery terminal
  - 'D' Cell batteries
- PowerMax operating system stretches battery life
- LCD Display with backlight for easy outdoor and low-light readability
- DYNArrest Vibration Filtering System for remarkably fast, stable readings in dynamic weighing applications
- Flashlight style battery compartments
- 5 button keypad with User and Calibration menus
- Password and Category 1 Audit Trail system
- 1 Fully configurable serial port
- Programmable Weigh Tickets & Macros
- 4 or 6 wire load cell connections (jumper)
- Time & Date
- Shrinkage, Averaging, & Peak Hold functions



### SPECIFICATIONS

#### **POWER REQUIREMENTS**

- AC: 100-240 V 50/60 Hz
- DC: 12 VDC battery terminal
- Battery: 4 'D' cell alkaline batteries
- Max: 25 mA (6 W)

#### **EXCITATION**

- 5 VDC. Up to 4 350  $\Omega$  or 8 700  $\Omega$  load cells

#### **ANALOG INPUT RANGE**

- 0 - 19 mV

#### **RESOLUTION**

- 1 million internal A/D counts
- Up to 20,000 (LFT) displayed divisions. Up to 100,000 NLFT.

#### **MEASUREMENT RATE**

- 10-80 weight samples/second dependent on filter settings.

#### **ANALOG SIGNAL SENSITIVITY**

- .3 $\mu$ V

#### **SYSTEM LINEARITY**

- 0.01% of Full Scale

#### **COMMUNICATIONS**

- 1 fully configurable, full duplex RS-232 serial port.
- Fully configurable data format and selectable output strings.
- Wireless Communication Module (Optional)

#### **RFI PROTECTION**

- Filtered Excitation, Signal, and Sense lines

#### **KEYPAD**

- Membrane keypad: 5 keys

#### **DISPLAY**

- 1" (25 mm) LCD display
- Adjustable LED backlight
- 6 digits (7 segments each)

#### **ENCLOSURE**

- 304 stainless steel with bracket
- Tough, dependable, and weather-proof

#### **DIMENSIONS**

- 9.5" x 7" x 4" (240mm x 178mm x 102mm) w/ bracket, etc.

#### **WEIGHT**

- 5 lb (2.3 kg)

#### **OPERATING TEMPERATURE**

- 14°F to 104°F (-10°C to 40°C)

#### **APPROVALS**

- NTEP Class III/IIIL (10,000): 08-004
- Measurement Canada Class III (10,000) / IIIHD (20,000): AM-5665

#### **WARRANTY**

- 2 year standard warranty