

## M2000A-1 WEIGHT INDICATOR

### **Fast. Accurate. Versatile. Reliable.**

The M2000 A-1 is a cost-reduced, high performance digital weight indicator, suitable for use in practically any industrial application.

### FEATURES

- 1 Scale channel
- 1 Fully configurable serial port
- FASTSTEP Filtering for remarkably fast, stable readings
- Extremely resistant to interference (static, EMI, RFI)
- Accommodates load cell SENSE lines
- Full keypad calibration to any test weight amount
- 4 Linearity points
- Password and Category 1 Audit Trail system
- Custom Weigh Ticket Editor
- Interactive Ticket Macros for Accumulation, Truck In/Out, Axle weighing, and more...
- Store up to 100 truck IDs and tare weights
- Over 20 selectable output strings
- Serial Command mode
- Time & Date
- 6 Remote Inputs (optional)
- 6 Setpoints (optional)
- 4-20 mA Output (optional)



\* SL Enclosure



Made in North America

### SPECIFICATIONS

#### POWER REQUIREMENTS

- Input: 12 VDC 1.5 A. 120 VAC adapter required for most models
- LSB model: 100-240 VAC  
50/60 Hz 1.10 A
- Consumption: 200 mA

#### EXCITATION

- 7.5 VDC. Up to 16 350 ohm or 32 700 ohm load cells

#### ANALOG INPUT RANGE

- Selectable: 0-9 mV; 0-19 mV; 0-39 mV; 0-79 mV

#### RESOLUTION

- 1,000,000 internal A/D counts
- Up to 100,000 displayed divisions

#### MEASUREMENT RATE

- 100 weight samples/second

#### ANALOG SIGNAL SENSITIVITY

- .3µV

#### COMMUNICATIONS

- 2 fully configurable, full duplex serial ports.
- Supports RS-232, RS-422, and optional RS-485 Multi-drop.
- Wireless Communication Module (Optional)
- Ethernet Communication Module (Optional)
- USB Communication Module (Optional)

#### RFI PROTECTION

- Filtered Excitation, Signal, and Sense lines

#### SYSTEM LINEARITY

- 0.01% of Full Scale

#### KEYPAD

- Membrane keypad: 16 numeric & function keys.

#### DISPLAY

- 3/4" (19 mm) LED display.
- 6 digit (7 segments each)

#### OPERATING TEMPERATURE

- 14°F to 104°F (-10°C to 40°C)

#### APPROVALS

- NTEP Class III/IIIL (10,000): 00-076A1
- Measurement Canada Class III (10,000) / IIHHD (20,000): AM-5371
- ETL Listed (SS models, US & Can.)

#### WARRANTY

- 2 year standard warranty