

# RICHMOND SCALE LTD

SALES SERVICE RENTALS

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## M1 BASIC INDICATOR

### **Fast weights. Loads of features. Great price.**

The M1 is an entry level indicator that is easy to use and adaptable to a wide variety of weighing applications. Lots of extras under the hood.

### FEATURES

- Large LED Display & annunciators
- 5 button membrane keypad
- DYNArrest Vibration Filtering System for remarkably fast, stable readings in high vibration (industrial) areas
- 2 Serial ports
- Easy to navigate User & Calibration Menus
- Password and Category 1 Audit Trail system
- Programmable Weigh Tickets & Macros
- 4 or 6 wire load cell connections (jumper)
- Time & Date
- Mounting bracket



### SPECIFICATIONS

#### POWER REQUIREMENTS

- 100-240 VAC 50/60 Hz
- Consumption: 40 mA (10 W)

#### EXCITATION

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

#### ANALOG INPUT RANGE

- 0-19 mV

#### RESOLUTION

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

#### MEASUREMENT RATE

- 80 weight samples/second dependent on filter settings.

#### ANALOG SIGNAL SENSITIVITY

- .3 $\mu$ V

#### SYSTEM LINEARITY

- 0.01% of Full Scale

#### COMMUNICATIONS

- 1 full duplex RS-232 serial port
- 1 transmit only 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

- 7/8" (22 mm) LED display
- 6 digits (7 segments each)

#### ENCLOSURE

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

#### DIMENSIONS (Approx.)

- 9" x 5.5" x 3" (230mm x 140mm x 76mm) w/ bracket

#### WEIGHT (Approx.)

- 3.5 lb (1.6 kg)

#### OPERATING TEMPERATURE

- 14°F to 104°F (-10°C to 40°C)

#### APPROVALS

- NTEP Class III/IIIL (10,000): 09-012
- Measurement Canada Class III (10,000) / IIIHD (20,000): AM-5734

#### WARRANTY

- 2 year standard warranty