

## APX PROGRAMMABLE INDICATOR

### The Apex of Weighing Accuracy & Process Control.

The APX delivers the highest level of performance for any type of weighing system. Modular design, custom programming and standard applications allow an incredible range of connectivity options and system solutions.

### FEATURES

- Ultra-fast ARM Cortex Processor
- Full Color! Graphic display shows multiple scales and real-time application progress.
- 5 interactive, programmable function keys
- Modular design for easy service & upgrading
- Huge memory for Truck Databases & more.
- Removable SD card backup memory
- Programmable weigh tickets, labels and responsive program macros for basic apps
- Standard applications for Truck In/Out, Axle weighing, accumulation and more...
- Factory customized programs
- Selectable communication outputs
- Password and Category 1 Audit Trail system
- Easy to navigate Configuration Menus and full keypad calibration to any test weight amount.
- Time & Date



\* Standard Enclosure



Made in North America

### SPECIFICATIONS

#### SCALE INTERFACE (select from...)

- High Speed Single Channel A/D
- 4 Channel Multi A/D plus total

#### EXCITATION

- Analog: 7 VDC. Up to 32 350  $\Omega$  or 64 700  $\Omega$  load cells

#### RESOLUTION

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

#### MEASUREMENT RATE

- 100 weight samples/second

#### ANALOG SIGNAL SENSITIVITY

- .3 $\mu$ V

#### SYSTEM LINEARITY

- 0.01% of Full Scale

#### RFI PROTECTION

- Filtered Excitation, Signal, and Sense lines

#### POWER REQUIREMENTS

- 100-240 VAC 50/60 Hz 0.40 A
- Consumption: 96 W (max)

#### COMMUNICATIONS

- 2 RS-232 serial ports (fully configurable, full duplex)
- 1 RS-422 serial port (fully configurable, full duplex)
- 2 USB ports (USB-A host) for external memory, keyboard, etc.
- Ethernet (TCP/IP, 10/100 Base T)
- Wireless RF Module (Optional)
- ModBus TCP/IP (Optional)

#### I/O

- 24 isolated, discrete input/outputs

#### ENCLOSURE

- 304 Stainless Steel w/swivel bracket
- Watertight cable connectors & strain-reliefs
- Tough, dependable, and weather proof (NEMA 4X / IP65)

#### KEYPAD

- 27 key membrane keypad
- Numeric keys, scale function keys program keys and navigation keys.

#### DISPLAY

- TFT LCD color graphic display
- Size: 4.6" x 3.2" (320 x 240 pixels)

#### DIMENSIONS & WEIGHT

- 12 1/2" x 10 1/4" x 5 1/8" (318x260x130 mm)
- 7.9 lb (3.6 kg)

#### OPERATING TEMPERATURE

- 14°F to 104°F (-10°C to 40°C)

#### APPROVALS

- NTEP Class III/IIIL (10,000): 15-086
- Measurement Canada Class III (10,000) / IIHD (20,000): AM-5992
- ETL Listed (US & Canada)

#### WARRANTY

- 2 year standard warranty