

482 Legend® Series

DIGITAL WEIGHT INDICATOR



RICE LAKE[®]
WEIGHING SYSTEMS

800-472-6703

www.ricelake.com

482 480 Legend® Series

DIGITAL WEIGHT INDICATOR



Defining Value and Performance

The 480 and 482 Legend Series indicators are built with IP66 stainless steel washdown enclosures for demanding workplaces. The Legend Series' six-button tactile keypad allows for quick navigation and programming. Choose between the 480's ultra-bright LED display or the 482's sharp-contrast LCD display. The Plus versions of the 480 and 482 have a full numeric keypad for an easy-to-use interface.

Straightforward Operation

The Legend Series' circuitry withstands electrical noise, power disturbances and transient spikes that are common to industrial applications. Two RS-232 serial ports allow for connection to other devices such as printers, computers or other peripherals. With the Legend Series, you can easily control simple processes for your application.

The Legend Series offers a valuable solution for a variety of applications, from basic weighing to batching. Built-in gross and net weighing modes provide quick flexibility for everyday needs. Also utilize the Legend Series' custom ticket printing to modify gross, net and setpoint tokens for a tailored print format.

STANDARD FEATURES

- LED display (480)
- LCD backlit display (482)
- Time and date, battery backed
- Local/remote operation
- Numeric keypad (480 Plus/482 Plus)
- Keyed entries for setpoint values (480 Plus/482 Plus)
- Two independent serial ports
- NEMA Type 4X/IP66 stainless steel washdown enclosure
- Programmable ticket formats for gross, net, accumulator and setpoints
- Five continuous stream formats
- Adapter filter or rolling average filter
- Operator functions through menu for audit trail, preset tare, unit ID, accumulator, time and date, setpoints, communications and print formats
- Eight setpoints, sequenced batch engine
- Configurable with Revolution® software

SPECIFICATIONS

POWER:	Line voltages: 100 to 240 VAC Frequency: 50/60 Hz DC voltages: n/a
POWER CONSUMPTION:	8 W
EXCITATION VOLTAGE:	5 VDC, 8 × 350 ohm or 16 × 700 ohm load cells
ANALOG SIGNAL INPUT RANGE:	±7mV/V
ANALOG SIGNAL SENSITIVITY:	0.1 µV/graduation minimum, 0.5 µV/graduation recommended
A/D SAMPLE RATE:	5, 10, 20, 40 Hz, software selectable
RESOLUTION:	Internal: 523,000 counts Display: 100,000
SYSTEM LINEARITY:	Within 0.01% of full scale
DIGITAL I/O:	Optional 2 or 4 inputs 4 or 8 dry-contact relays
COMMUNICATION PORTS:	Com 1: RS-232 full duplex Com 2: RS-232 full duplex or 20 mA simplex, continuous Both ports 1200, 2400, 4800, 9600, 19200, 38400 baud; seven or eight data bits, even, odd or no parity
(OPTIONAL) ANALOG OUTPUT:	16-bit resolution, voltage output 0-10 VDC, current output 0-20 mA / 4-20 mA
(OPTIONAL) RELAY BOARD:	Two opto-isolated, 5 to 24 VDC, active high inputs Primary keys, pseudo functions, batching functions (4) 30 VDC, 2 amp dry-contact relays
ANNUNCIATORS:	Gross, net, center of zero, standstill, lb, kg, tare, preset tare
DISPLAY:	480/480 Plus: LED display 0.8 in (20 mm), six-digit, seven-segment 482/482 Plus: LCD backlit display, transmissive/transflective 0.8 in (20 mm), six-digit, seven-segment
KEYS/BUTTONS:	Flat membrane panel, embossed keys, tactile feel
TEMPERATURE RANGE:	Certified: 14 °F to 104 °F (-10 °C to 40 °C) Operating: 14 °F to 122 °F (-10 °C to 50 °C)
RATING/MATERIAL:	NEMA Type 4X/IP66 Stainless steel
WEIGHT:	6.4 lb (2.9 kg)
WARRANTY:	Two-year limited
EMC IMMUNITY:	EN 50082 Part 2 IEC EN 61000-4-2, 3, 4, 5, 6, 8, and 11
APPROVALS:	NTEP CC 12-123, Class III/IIIL, 10,000d Measurement Canada AM-5892C OIML R76/2006-NL1-15.24 EU Test Certificate TC8322 CE Marked cULus UKCA

SALES AND TECHNICAL ASSISTANCE

RISE LAKE®
WEIGHING SYSTEMS

HEADQUARTERS
230 West Coleman Street
Rice Lake, Wisconsin 54868 - USA
Tel: (715) 234 9171 | Fax: (715) 234 6967
www.ricelake.com