

Advance to Rice Lake's Legend Series—classic Rice Lake quality and design with innovative features for tomorrow. As the flagship of Rice Lake's Legend Series, the 480 and 482 digital weight indicators have been designed to provide the very best in performance and value.



Manufacture: Rice Lake  
 SKU: 164584  
 Weight: 5.00 lb

**Please Call**  
**(800)832-0055**

## Features

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With stainless steel enclosures and advanced gasket systems, the industrial-strength Legend Series is built for dirty, wet environments and demanding workplaces, inside or out. Advanced circuitry also withstands electrical noise, power disturbances and transient spikes that are common to industrial applications.

Rice Lake's Legend Series is the industry's first choice for readability. With a choice between large, ultra-bright LED or LCD displays, 0.8 inch digits and sharp contrast, these indicators provide superior display visibility. The 480's six-button tactile keypad allows for quick navigation and programming. Advance to the Plus Series for a full numeric keypad.

Connect to a printer, PC or remote display and make use of configurable print formats, time and date function, and local/remote capability. A standard lithium ion rechargeable battery allows operation from remote locations, such as a portable work station.

- LED or LCD backlit display, 0.8 in (20 mm), 6-digit, 7-segment
- Time and date, battery backed
- Local/remote operation
- Numeric keypad (480 Plus/482 Plus)

- Keyed entries for tare and setpoint values (480 Plus/482 Plus)
- 2 independent serial ports, RS-232 and 20 mA
- Programmable ticket formats for gross, net, accumulator and setpoints
- 5 continuous stream formats
- Operator functions through menu for audit trail, preset tare, unit ID, accumulator, time and date, setpoints, communications and print formats
- 8 setpoints, sequenced batch engine
- Configurable with Revolution® software
- Please call (800)832-0055 for Models with analog, relay, USB or Ethernet outputs
- **Call Us (800)832-0055 for these Options**
- Analog output, 0-10 VDC, 0-20 mA, 4-20 mA, selection for 20% offset
- Relay output, 2 digital inputs, four dry contact relays (supports 2 boards)
- Ethernet TCP/IP and USB interface (requires cable)
- Battery, rechargeable lithium ion Power for 40 hours of battery life on one 350 ohm load  
Power-saving modes for sleep and wake-up threshold

## Specifications

<b>MODEL with 115 VAC US Plug</b>	<b>482 164581</b>	<b>482 with internal battery 164582</b>	<b>482 164584</b>	<b>482 with internal battery 164585</b>
<b>MODEL with 90-264VAC Euro Plug</b>	<b>482 90-264VAC 164672</b>	<b>482 90-264VAC with internal battery 164583</b>	<b>482 90-264VAC 164673</b>	<b>482 90-264VAC with internal battery 164586</b>
<b>Display Type</b>	LCD	LCD	LCD	LCD
<b>Display:</b>	LCD backlit display, Transmissive/Transflective 0.8 in (20 mm), six-digit, seven-segment			
<b>Legal for Trade</b>	NTEP CC 12-123, Class III/IIIL, 10,000 d Measurement Canada AM-5892C			
<b>Internal Battery</b>	-	YES	-	YES
<b>Power</b>	Line voltages: 110 - 240VAC Frequency: 50 or 60Hz Estimated battery life: 18 hours (one 350 ohm load cell) with backlight			
<b>Excitation Voltage</b>	5VDC, 8 x 350 ohm load cells or 16700 ohm load cells			
<b>Analog Signal Input Range</b>	±7mV/V			
<b>Analog Signal Sensitivity</b>	0.1uV/graduation minimum 0.5uV/graduation recommended			
<b>Resolution</b>	Internal: 523,000 counts Display: 100,000 displayed graduations			
<b>A/D Sample Rate</b>	Software selectable 5, 10, 20, 40Hz			

<b>System Linearity</b>	Within 0.01% of full scale
<b>Digital Inputs</b>	Two inputs (requires relay output option) Primary keys, pseudo functions, batching functions
<b>Circuit Protection</b>	Immunity 10V/m ESD $\pm$ 10KV air $\pm$ 6KV contact
<b>RFI Protection</b>	Capacitor bypass and ESD suppressors
<b>Communication Ports</b>	Com 1: RS-232 full duplex; Com 2: RS-232 full duplex or 20 mA simplex; Both ports 1200, 2400, 4800, 9600, 19200, 38400 baud, 7 or 8 data bits, even, odd or no parity
<b>Display</b>	0.8in (20mm), 6-digit, 7-segment
<b>Status Annunciators</b>	Gross, net, center of zero, stand still, lb, kg, tare, preset tare
<b>Keyboard</b>	Flat membrane panel, embossed keys, tactile
<b>Analog Output Option</b>	16-bit resolution, voltage output 0-10VDC, current output 0-20mA / 4-20mA
<b>Relay Board Option</b>	(2) Opto-isolated, 5 to 24VDC, active high inputs (4) 30VDC, 2 amp dry-contact relays
<b>Certified Operating Range</b>	Legal: 14°F to 104°F (-10°C to 40°C) Industrial: 14°F to 122°F (-10°C to 50°C)
<b>Rating/Material</b>	Enclosure: NEMA Type 4X/IP66, stainless steel
<b>Weight</b>	6.4lb (2.9kg)
<b>Warranty</b>	Two-year limited
<b>Approvals:</b>	NTEP CC 21-051, Class III/IIIL, 10,000 d Measurement Canada AM-6184 cULus CE marked OIML T5692 TC8322 III nmax 10,000

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718-336-5900

Returns

Store Policies

About Us

• Phone: [\(800\)832-0055](tel:8008320055) or [\(718\)336-5900](tel:7183365900)

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• Address: 4802 Glenwood Rd. Brooklyn, NY 11234

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