

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: 164581
 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

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

System Linearity	Within 0.01% of full scale
Digital Inputs	Two inputs (requires relay output option) Primary keys, pseudo functions, batching functions
Circuit Protection	Immunity 10V/m ESD \pm 10KV air \pm 6KV contact
RFI Protection	Capacitor bypass and ESD suppressors
Communication Ports	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
Display	0.8in (20mm), 6-digit, 7-segment
Status Annunciators	Gross, net, center of zero, stand still, lb, kg, tare, preset tare
Keyboard	Flat membrane panel, embossed keys, tactile
Analog Output Option	16-bit resolution, voltage output 0-10VDC, current output 0-20mA / 4-20mA
Relay Board Option	(2) Opto-isolated, 5 to 24VDC, active high inputs (4) 30VDC, 2 amp dry-contact relays
Certified Operating Range	Legal: 14°F to 104°F (-10°C to 40°C) Industrial: 14°F to 122°F (-10°C to 50°C)
Rating/Material	Enclosure: NEMA Type 4X/IP66, stainless steel
Weight	6.4lb (2.9kg)
Warranty	Two-year limited
Approvals:	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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