

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.



### This Item Contains the following items

[1 x Rice Lake 480 plus LED Legend Series Digital Weight Indicator](#)     [1 x Rice Lake Quick Connect for Rice Lake Plus, 480, 480 Plus, 482 and 482 Plus - Must be purchased with Indicator](#)

Manufacture: Rice Lake  
SKU: 164588CON  
Weight: 6.00 lb

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

## Features

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.

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	IQ plus 390-DC	IQ plus 590-DC	420 Plus	480 Legend	480 Plus Legend	482 Legend	482 Plus Legend
	48815	52486	85124	126564	164588	164581	164584
Model with with Quick Connect	53629	53630	88652	126564CON	164588CON	164584CON	164584CON
Legal For Trade	NTEP CC 98-203, Class III/IIIL 10,000d Measurement Canada AM-5300, Class IIII 10,000d and IIIHD 20,000d	NTEP CC 04-076, Class III/IIIL 10,000d Measurement Canada AM-5554, Class III/IIIHD 10,000d OIML TC7004, 10,000d	NTEP CC 04-076, Class III/IIIL 10,000d Measurement Canada AM-5554, Class III/IIIHD 10,000d OIML TC7004, 10,000d	NTEP CC 12-123, Accuracy Class III/IIIL, 10,000d Measurement Canada AM-5892 Class III/IIIHD, 10,000d OIML R76/2006-NL1-12.48, T5692, TC8322 Class III, 10,000d			
Power	9 VDC, provided by 6 C-cell alkaline batteries or AC adapter Power consumption: (Estimated battery life) 100 mA (100 hours with 4 x 350 ohm load cells), 25 mA typical (300 hours with 1 load cell)	AC Line voltages: 115/230 VAC AC Frequency: 50 or 60 Hz AC Power consumption: 1.5 A at 115 VAC (8 W) 0.75 A at 230 VAC (8 W)	AC Line voltages: 115/230 VAC AC Frequency: 50 or 60 Hz AC Power consumption: 1.5 A at 115 VAC (8 W) 0.75 A at 230 VAC (8 W)	Line voltages: 90- 264 VAC Frequency: 50 or 60 Hz 70 mA at 115 VAC, 35 mA at 230 VAC with (10) 350 ohm load cells (230V not included)		Line voltages: 90-264 VAC Frequency: 50 or 60 Hz Estimated battery (Optional) life: 40 hours (350 ohm load)	
		DC Line voltages: 9-36 VDC DC input DC Power consumption: 1.5 A Max					

<b>Excitation Voltage</b>	5 VDC, 4 x 350 ohm or 8 x 700 ohm load cells	+5 VDC 8 x 350 Ω or 16 x 700 ohm load cells	5 VDC, 10 x 350 ohm load cells	5 VDC, 8 x 350 ohm load cells
<b>Analog Signal Input Range</b>	-2.5 mV – 22.5 mV or -.5 mV/V – 4.5 mV/V	-0.5 mV/V - 4.5 mV/V	±7 mV/V	
<b>Analog Signal Sensitivity</b>	0.3 ÷V/graduation minimum 1.5 ÷V/grad recommended		0.1 uV/graduation minimum 0.5 uV/graduation recommended	
<b>Resolution</b>	Internal resolution: 1 million counts Display resolution: 100,000d Counting capacity: 100,000	Internal resolution: 8 million internal graduations Display resolution: 100,000 displayed graduations		Internal: 523,000 counts Display: 100,000 graduations
<b>Measurement Rate</b>	30, 15, 7 1/2, 3 3/4 per second	60, 30, 15, 7 1/2, per second		Selectable 5, 10, 20, 40 Hz
<b>System Linearity</b>	Within 0.01% of full scale			
<b>Digital Inputs</b>		2 inputs with 8 functions 2 outputs, 250 mA max sink EDP port: Full duplex RS-232 Printer port: Full duplex RS-232 or simplex active 20 mA current loop Both ports: 38400, 19200, 9600, 4800, 2400, 1200, 600, 300 bps; 7 or 8 data bits; even, odd, or no parity		
<b>Serial Communications</b>	EDP/Printer port: Full duplex RS-232		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 7 or 8 data bits, even, odd or no parity	
<b>Display</b>	1.0 in (24.5 mm) 6-digit liquid crystal display (LCD), 7 segment, digits	0.8 in (20 mm), 6-digit super red light emitting diode (LED) display, 7-segment, digits	LED display, 0.8 in (20 mm), 6-digit, 7-segment	LCD backlit display, 0.8 in (20 mm), 6-digit, 7-segment
<b>Circuit Protection</b>	RFI, EMI, ESD protection			Immunity 10 V/m ESD ±10 KV air ±6 KV contact

<b>Status Annunciators</b>	Designators for: center of zero, standstill, gross, net, lb, kg, piece count	Units (lb/kg), piece count mode (PC), gross, net, standstill, center of zero, tare, low battery	Designators for: Center of zero, stand still, gross, net, lb, kg, count, tare	Gross, net, center of zero, stand still, lb, kg, tare, preset tare
<b>Keyboard</b>	6-key flat membrane panel, tactile feel	19-key flat membrane panel, tactile feel	21-key flat membrane panel	Flat membrane panel, embossed keys, tactile feel
<b>Operating Temperature</b>	Legal: 14° F to 104° F (-10° C to 40° C) Industrial: 14° F to 122° F (-10° C to 50° C)			
<b>Weight</b>	3 lb (1.4 kg)	6.5 lb (2.95 kg)	6.1 lb (2.8 kg)	6.4 lb (2.9 kg)
<b>Rating/Material</b>	NEMA Type 4X/IP66, stainless steel	NEMA Type 4X/IP66, heavy gauge stainless steel		Enclosure: NEMA Type 4X/IP66, heavy-gauge stainless steel
<b>Warranty</b>	Two-year limited warranty			
<b>Approvals</b>	NTEP CC 98-203, Class III/IIIL 10,000d Measurement Canada AM-5300, Class IIII 10,000d and IIIHD 20,000d CE marked UL & CUL listed	NTEP CC 04-076, Class III/IIIL 10,000d Measurement Canada AM-5554, Class III/IIIHD 10,000d OIML TC7004, 10,000d UL & cUL listed CE marked	Accuracy Class III/IIIHD, 10,000d NTEP CC 12-123, Accuracy Class III/IIIL, 10,000d OIML R76/2006-NL1-12.48, T5692, TC8322 Accuracy Class III, 10,000d CE Marked c-UL Listed	

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