



480 Legend Series

DIGITAL WEIGHT INDICATOR



DIRECT UPGRADE
for the IQ plus® 355

LB Les Balances
LEDUC & THIBEAULT

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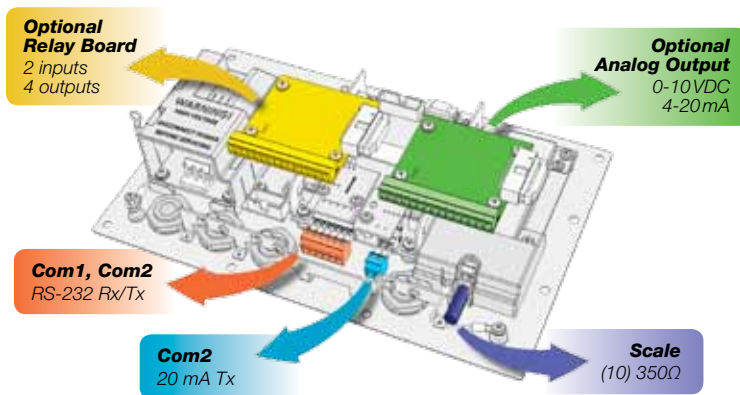
Classic Performance, Legendary Control

Advance to Rice Lake's Legend Series—classic Rice Lake quality and design with new ideas for tomorrow. As the flagship of Rice Lake's Legend Series, the 480 digital weight indicator has been perfected to provide the very best in performance and value.

With its stainless steel enclosure and advanced gasket system, the industrial-strength 480 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 480 is the industry's first choice for readability. With its large, ultra-bright LED display, 0.8 inch digits and sharp contrast, the 480 provides superior display visibility. Its six-button tactile keypad allows for quick navigation and programming.

Connect the 480 to a printer, PC or remote display and make use of configurable print formats, time and date function, and local/remote capability. Whether it's used in heavy capacity or batching operations, the 480 powers as many as ten 350 ohm load cells in parallel. Engineered with Rice Lake's advanced digital filtering, the 480 Legend Series promises top speed without sacrificing weight stability.



Standard Features

- Large .8 inch LED display
- Nema 4X/IP66 stainless steel washdown
- Operator functions through Menu key for audit trail, tare, unit ID, accumulator, time and date, setpoints, serial communications, and print formats
- Time and date, battery backed
- 8 setpoints, free running or latched
- Password protection for user and configuration changes
- Two independent serial ports, RS-232 and 20mA
- Programmable ticket formats for gross, net, accumulator, and setpoints
- Local/remote operation
- Hardware or audit trail sealed
- Filter settings for light, medium and heavy noise
- Selectable conversion rate and display update rate

Options

- Analog output, 0-10VDC, 0-20mA, selection for 20% offset
- Relay output, 2 digital inputs, 4 dry contact relays

Specifications

Power:	70mA @ 115VAC, 35mA @ 230VAC
Excitation Voltage:	5VDC, 10 x 350Ω
Input Range:	7 mV/V
Sensitivity:	0.1 uV/graduation minimum 0.5 uV/graduation approved
Resolution:	Internal: 523,000 graduations Display: 100,000 displayed graduations
Measurement Rate:	Selectable 5, 10, 20 and 40Hz
System Linearity:	Within 0.01% of full scale
Circuit Protection:	18KV, 10V/meter
Serial Output:	Com 1: RS232 Full Duplex Com 2: RS232 Full Duplex or 20 mA Simplex
Display:	0.8 in (20.3 mm) LED 6 digit
Status Annunciators:	Gross, Net, Center of Zero, Standstill, lb, kg, Tare, Preset Tare
Keyboard:	Flat membrane panel, embossed keys, tactile feel
Analog Output Option:	16-bit resolution, voltage output 0-10VDC, current output 0-20mA
Digital Inputs:	Two inputs (requires relay output option). Primary keys, Pseudo functions, Batching functions.
Relay Board Option:	(2) opto-isolated inputs up to 24VDC (4) 30VDC, 2 Amp Dry Contact Relays
Temperature Range:	Legal for Trade: 14°F to 104°F/-10°C to +40°C
Rating/Material:	NEMA 4X/IP66
Warranty:	Two-year limited warranty
Dimensions:	9.5 in x 6 in x 2.75 in (241.3 mm x 152.4 mm x 69.9 mm)

Approvals



CC Number 12-123
Accuracy Class
III/III_{max}: 10,000



R76/2006-NL 1-12-48
European Test Certificate TC8322
European EC Type-Approval T5692
Accuracy Class III/III_{max}: 10,000



AM-5892
Accuracy Class
III/III_{max}: 10,000



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