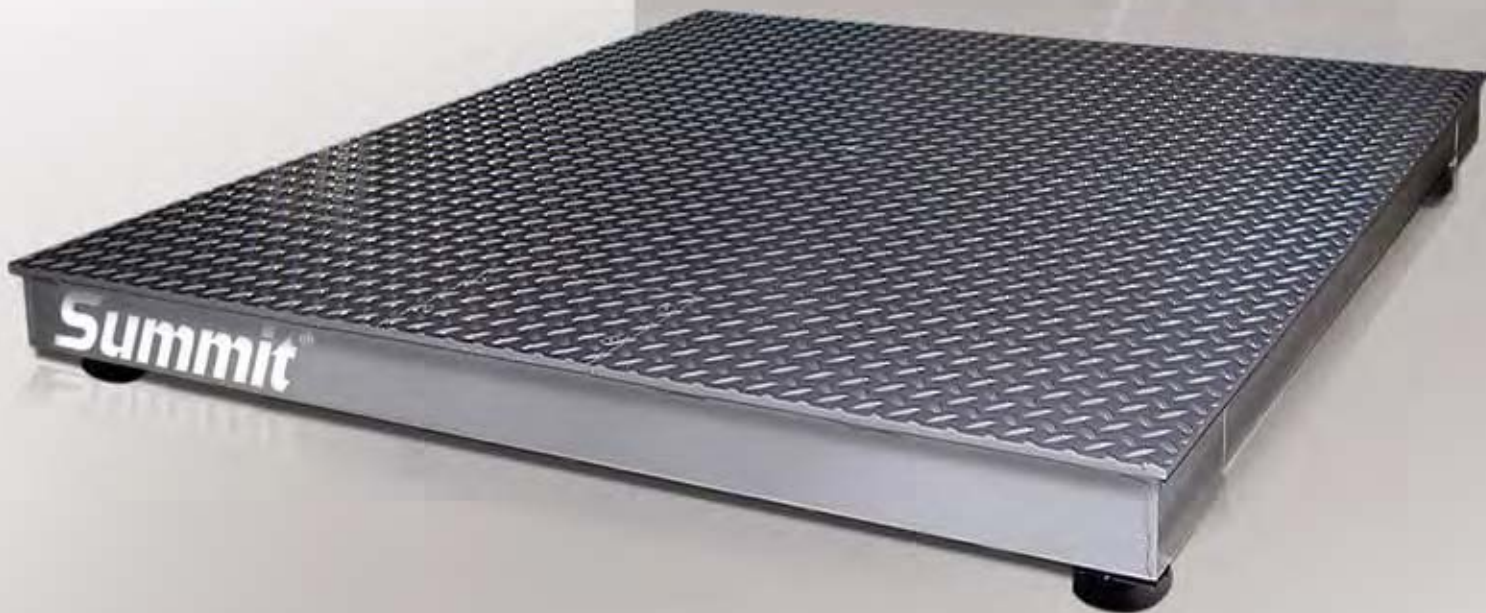


Summit[®]

3000 SERIES
LOW PROFILE
FLOOR SCALE



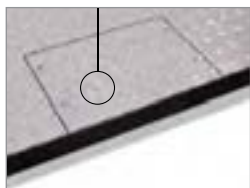
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Summit® 3000 SERIES LOW PROFILE FLOOR SCALE

An Economical Choice Offering Exceptional Performance



The Summit® 3000 Series provides exceptional performance in light industrial and legal-for-trade applications. While value-priced, the Summit 3000 also employs a rugged design to deliver efficient installation and operation.



The convenient top-access junction box is housed in a durable ABS enclosure and is protected from fork trucks and other industrial abuse by the Summit 3000's diamond treadplate steel deck. The scale has fully adjustable, rigid polyurethane rubber feet to accommodate weighing on uneven surfaces.



The load cell cable exits the weldment towards the interior of the scale, allowing you the flexibility to route it out any side of the scale to the digital weight indicator. This also means the indicator load cell cable is at floor level—reducing the potential for damage.



Standard Features

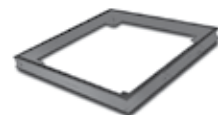
- Four NTEP-certified alloy steel shear-beam load cells
- Top access junction box
- Steel diamond treadplate deck
- Four adjustable rigid polyurethane rubber feet, 3" (76.2 mm) diameter
- Signal-trim summing board housed in ABS enclosure
- One threaded eyebolt hole located in the center of the weldment for easy lifting
- 20 ft of EL147 load cell cable
- Conduit for additional load cell cable protection

Options/Accessories

- Floor anchor plates, mild steel (set of two)
- Four drilled deck holes for scale height adjustment

Pit Frames

For pit installations, frames are available with design drawings.



Access Ramps

For above ground applications, ramps are available for scale access convenience.



Specifications

End Load Capacity: 100% full scale on 2,000 and 5,000 capacity
80% full scale on 10,000 capacity

mV/V Output: 1.50 – 1.87 mV/V nominal

Cable Length: 20 ft (6.1 m) of EL147g for connecting to indicator

Warranty: Two-year limited warranty

Size (W x L x H)	Capacity
3' x 3' x 3.625"	2,000 lb (1,000 kg)
4' x 4' x 3.625"	2,000 lb (1,000 kg)
4' x 4' x 3.625"	5,000 lb (2,500 kg)
4' x 4' x 3.625"	10,000 lb (5,000 kg)
4' x 5' x 3.625"	5,000 lb (2,500 kg)
4' x 5' x 3.625"	10,000 lb (5,000 kg)
4' x 6' x 3.625"	5,000 lb
4' x 6' x 3.625"	10,000 lb
5' x 5' x 3.625"	5,000 lb (2,500 kg)
5' x 5' x 3.625"	10,000 lb (5,000 kg)

Approvals



Measurement
Canada
Approved

Floor Scale & Indicator Package

Add a 120/120 Plus indicator to the Summit 3000 for a total weighing solution. While value-priced, both deliver reliability and simple operation suitable for a range of light industrial applications.



Your Rice Lake Weighing Systems distributor is:



2031 Reiser Ave. SE • New Philadelphia, OH 44663 • USA
TEL: 800-321-3396 • FAX: 800-992-6679 • www.nascoop.com

RICE LAKE®
WEIGHING SYSTEMS
To be the best by every measure®

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Specifications subject to change without notice

480 Legend[™]
Series

DIGITAL WEIGHT
INDICATOR



800-321-3396
www.nascoop.com

480
482

Legend™ Series

DIGITAL WEIGHT INDICATOR

Defining Value and Performance

Rice Lake's Legend Series combines industrial strength with innovative features to deliver the best in performance and value.

Advance to Rice Lake's Legend Series

With NEMA 4X, stainless steel enclosure and advanced gasket system, the industrial-strength Legend Series is built for dirty, wet environments and demanding workplaces, inside or out. Choose between large, ultra-bright LED or LCD displays with 0.8-inch digits and sharp contrast for superior display visibility.

Advanced circuitry withstands electrical noise, power disturbances and transient spikes that are common to industrial applications. The Legend Series' six-button tactile keypad allows for quick navigation and programming. Advance to the Legend Plus Series for a full numeric keypad.

The Legend Series offers a valuable solution for a variety of applications, from basic weighing to batching. Keyed tare and built-in gross/net modes provide quick flexibility for everyday needs. Also utilize the 480's custom ticket printing to modify gross, net and setpoint tokens for a tailored print format.





480

482

Power

- Standard AC power for stationary applications
- Optional internal battery for portability, with power-saving modes for long-lasting operation

Options

- Analog output with 0-10 VDC, 4-20 mA; configurable for positive and negative value tracking
- Relay output with two inputs and four dry contact relays
- USB and Ethernet TCP/IP board supports server and client connections

Functions

- Internal clock with time stamp can be positioned in configurable print formats
- Unit ID number can be entered by the operator to uniquely identify each scale or job
- Eight batch steps with latched or continuous outputs based on gross, net or delay values

Features

- Two serial ports: two on demand and one continuous
- Single scale input from light capacity bench scales to heavy capacity industrial scales
- Local/remote: add an additional indicator as a secondary display in a remote location

480
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Legend™ Series

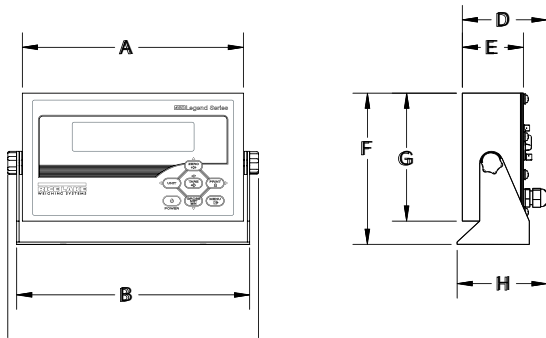
DIGITAL WEIGHT INDICATOR

Standard Features

- Large 0.8 in display
LED, 480 and 480 Plus
LCD, 482 and 482 Plus
- Time and date, battery backed
- Local/Remote operation
- Numeric keypad (480 Plus and 482 Plus)
- Keypad entries for tare and setpoint values
- Two independent serial ports, RS-232 and 20 mA
- NEMA 4X/IP66 stainless steel washdown enclosure
- Password protection for user and configuration changes
- Selectable conversion rate and display update rate
- Hardware or audit trail metrology sealing
- Programmable ticket formats for gross, net, accumulator, and setpoints
- Five continuous stream formats
- Adapter filter or rolling average filter
- Configurable with Revolution software
- 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

Options/Accessories

- Analog output, 0-10VDC, 4-20mA, selection for 20% offset
- Relay output, two digital inputs, four dry contact relays (supports two boards)
- Battery, rechargeable Lithium Ion
Power for 40 hours of battery life on (1) 350 ohm load
Power-saving modes for sleep and wake-up threshold
- Ethernet TCP/IP and USB interface



LEGEND SERIES DIMENSIONS

A	9.50 in (241 mm)	E	2.75 in (70 mm)
B	10.00 in (254 mm)	F	7.00 in (177 mm)
C	11.00 in (279 mm)	G	6.00 in (152 mm)
D	3.65 in (92 mm)	H	3.75 in (95 mm)

Specifications

Power:	Line voltages: 115 - 230VAC Frequency: 50 or 60Hz Estimated battery life: 40 hours (one 350 ohm load cell) without backlight; 15 hours (one 350 ohm load cell) with backlight
Excitation Voltage:	5VDC, 8 x 350Ω load cells
Analog Signal Input Range:	±7 mV/V
Analog Signal Sensitivity:	0.1 uV/graduation minimum 0.5 uV/graduation recommended
Resolution:	Internal: 523,000 counts Display: 100,000 displayed graduations
Measurement Rate:	Selectable 5, 10, 20, 40 Hz
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 ± 10KV air ± 6KV contact
RFI Protection:	Capacitor bypass and ESD suppressors
Serial Output:	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:	0.8 in (20 mm), 7-segment digits
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 0-20 mA / 4-20 mA
Relay Board Option:	(2) Opto-isolated, 5 to 24VDC, active high inputs (4) 30VDC, 2 amp dry-contact relays,
Operating Temperature:	Legal: 14°F to 104°F (-10°C to 40°C) Industrial: 14°F to 122°F (-10°C to 50°C)
Weight:	6.4 lb (2.9 kg)
Rating/Material:	Enclosure: NEMA 4X/IP66, heavy gauge stainless steel

Warranty

- Two-year limited warranty

Approvals



NTEP CC 12-123,
III IIII, τ_{max} 10,000



T5692
TC3322
III IIII τ_{max} 10,000

Measurement
Canada
Approved

AM-5992
III IIII τ_{max} 10,000



Pending on 482

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