

The BenchMark SL Series offers remarkable precision and a sanitary surface for bench-top weighing. Standard platform sizes of 10 x 10 inches and 12 x 12 inches offer a variety of capacities 10 x 10 in 30 x 0.006 lb



Capacity x Readability

Non Legal Mode: 30 lb x 0.006 lb

Legal For Trade: 30 lb x 0.006 lb

Pan Size

10 x 10 in

This Item Contains the following items

1 x Rice Lake 18579 BenchMark SL 10 x 10 in Legal for Trade FM Approved Stainless Steel 30 lb Base Only	1 x Rice Lake 882IS-18579 Calibration	1 x Rice Lake 882IS 185288 Digital Intrinsically-Safe Weight Indicator with Battery Pack Charger & tilt Stand
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Manufacture: Rice Lake

SKU: **882IS-18579**

Weight: 21.00 lb



Legal for Trade

Please Call (800)832-0055

Features

BenchMark SL Series

The BenchMark SL Series offers remarkable precision and a sanitary surface for bench-top weighing. Standard platform sizes of 10 x 10 inches and 12 x 12 inches offer a variety of capacities.

- 304 stainless steel construction
- LifeGuard™ base design isolates load cell from overloads and shock loads for added durability
- Specially designed adjustable support feet provide exceptional traction and won't scratch surfaces
- NTEP Certified aluminum load cell

320IS Intrinsically-Safe Digital Weight Indicator

Designed with the level of safety your location requires, the 320IS digital weight indicator meets hazardous environment requirements without hesitation. With Factory Mutual (FM) entity approval, it is the ideal solution for dangerous and highly explosive environments. Even in dimly-lit areas, the 320IS maintains brilliant visibility for user-friendly operation.

The intrinsically-safe, auto-ranging power supply is designed to meet 320IS entity parameters and safely mount in hazardous areas. With this option, wiring is simplified to a single AC conduit line and seal from the safe area—barrier strips are no longer

necessary. When required, an entity approved battery power supply is also available.

For applications that require increased functionality, choose the 320IS Plus. It combines the same great features of the 320IS, but includes a full numeric keypad and keyboard tare. The 320IS Plus is also equipped with standard count mode.

Expand the flexibility of the 320IS and the 320IS Plus with the optional safe area I/O Module, featuring two serial ports, two analog outputs, four digital inputs and four relay contact outputs, allowing communication with printers, computers and other peripherals. Both models are equipped with a duplex fiber optic port for electrically isolated communication with the I/O Module.

For IS entity approval, Rice Lake offers hundreds of FM-approved load cells that interface with the 320IS and 320IS Plus indicators in accordance with the official FM control drawings.

• **Standard Features**

- Bright LED display
- Power ON/OFF, battery save mode
- Stainless steel NEMA 4X/IP66 enclosure
- Front-panel digital calibration
- Excitation for 4 x 350Ω or 8 x 700Ω load cells
- Gross/Tare/Net computation
- Tilt stand
- Duplex fiber optic interface
- Factory Mutual (FM) entity approved
- Class I Division I Groups A, B, C, D and Class II Division 1 Groups E, F, G and Class III; T-Rating: T4
- NTEP Certified

• **Options/Accessories**

- 115/230 VAC auto ranging power supply
- 6V battery and charger
- I/O Module, 2 serial ports configurable as RS-485, RS-422, RS-232 or 20mA, 2 analog outputs, 4 digital inputs and 4 relay contact outputs (AC powered)
- IS cable: hazardous environment load cell cable
- Fiber optic cable
- Timer relay for latching (320IS)

Specifications

Rice Lake BenchMark SL - 320IS Explosion Proof Scales

Model	320IS-18575	320IS-18576	320IS-18577	320IS-18578	320IS-18579	320IS-32914	320IS-32913	320IS-35198
Platform	2 x 0.0004 lb	5 x 0.001 lb	10 x 0.002 lb	20 x 0.004 lb	30 x 0.006 lb	30 x 0.006 lb	50 x 0.01 lb	100 x 0.02 lb
Capacity	1 x 0.0002 kg	2.5 x 0.0005 kg	5 x 0.001 kg	10 x 0.002 kg	15 x 0.003 kg	15 x 0.003 kg	25 x 0.005 kg	50 x 0.01 kg
Pan Size	10 x 10 in	12 x 12 in						
Legal For Trade	-	Base: NTEP CC 95-072, Class III 5,000 d Base: Measurement Canada AM-5082, Class III 5,000 d< Indicator: NTEP CC 03-078 Class III/IIIL 10,000d Indicator: Measurement Canada AM-5560						
Indicator	320IS with Battery pack, Charger & Tilt Stand Part No 91233 FM Approved							
Load Cell	IP66 Aluminum and environmentally sealed							
Output Impedance	350							
Maximum Overload	200%							
Overload Protection	Shock-absorbing spider							
Cable Length	10 ft (3 m)							
Compensated Temperature Range	14° F to 104° F (-10° C to 40° C)							
Warranty	Two-year limited warranty							
Dimensions	10 x 10 x 3.15 in					12 x 12 x 3.25 in		

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