

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 20 x 0.004 lb



Capacity x Readability

Non Legal Mode: 20 lb x 0.004 lb

Legal For Trade: 20 lb x 0.004 lb

Pan Size

10 x 10 in

This Item Contains the following items

- [1 x Rice Lake 18578 BenchMark SL 10 x 10 in Legal for Trade FM Approved Stainless Steel 20 lb Base Only](#)
- [1 x Rice Lake 882IS-18578 Intrinsicly-Safe Calibration](#)
- [1 x Rice Lake 882IS-185288 Digital Weight Indicator with Battery Pack Charger & tilt Stand](#)

Manufacture: Rice Lake

SKU: **882IS-18578**

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

882IS Intrinsicly-Safe Digital Weight Indicator

The Hazardous Environment Instrumentation Solution

Designed for hazardous locations that are potentially explosive, the 882IS digital weight indicator is built to safely operate in these settings without sacrificing performance. With cFMus, ATEX and IECEx approvals, the 882IS is the industry's choice for flammable and combustible applications such as fuel refineries, chemical plants, distilleries, textile manufacturing and more.

Safe, Accurate Weight Readings in Hazardous Locations

The intrinsically safe, auto-ranging power supply enables wiring to a single AC conduit line and seal from the safe area. An FM approved, rechargeable battery is also available for isolated power or movable applications. The 882IS utilizes a backlit LCD display to maintain brilliant visibility for user-friendly operation, even in dimly lit areas. Its stainless steel enclosure provides superior protection from the elements.

FEATURES

- Seven-digit, seven-segment LCD display with white LED backlight
- Stainless steel NEMA IP66 enclosure
- T4 temperature rating
- Front panel digital calibration
- Numeric keypad (882IS Plus only)
- Duplex fiber optic interface
- Power ON/OFF; battery save mode
- I/O module option: one serial port, optional analog outputs, optional fieldbus cards
- FM Entity Approved for use in hazardous locations per Rice Lake Weighing Systems control drawing file numbers 180948, 182301, and 186430

Model IS6V2 (Battery) Hazardous Location Electrical Equipment Per U.S., Canadian, ATEX and IECEx Requirements

Certificate No: FM18US0195X, FM18CA0092X, FM18ATEX0047X, IECEx FMG 18.0018X

FM/cFM:

INTRINSICALLY SAFE

IS for Class I,II,III, Division 1, Groups ABCDEFG T4

Approval Standards Class I, Zone 0 AEx/Ex ia IIC T4 Ga

Zone 20 AEx/Ex ia IIIC T135°C Da

Ta = -10°C to +40°C (14°F to 104°F)

ATEX/IECEx

Equipment Ratings II 1 G Ex ia IIC T4 Ga

II1 D Ex ia IIIC T135°C Da

Specifications

Rice Lake BenchMark SL - 882IS Explosion Proof Scales

Model	882IS-18575	882IS-18576	882IS-18577	882IS-18578	882IS-18579	882IS-32914	882IS-32913	882IS-35198
Platform Capacity	2 x 0.0004 lb 1 x 0.0002 kg	5 x 0.001 lb 2.5 x 0.0005 kg	10 x 0.002 lb 5 x 0.001 kg	20 x 0.004 lb 10 x 0.002 kg	30 x 0.006 lb 15 x 0.003 kg	30 x 0.006 lb 15 x 0.003 kg	50 x 0.01 lb 25 x 0.005 kg	100 x 0.02 lb 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 19-015 Class III/IIIL 10,000d Indicator: Measurement Canada AM-6124C							
Indicator	882IS Indicator (Hazardous Area) with Battery pack (Hazardous Area), Charger (Safe Area) & Tilt Stand Part No 185288							
	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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