

The RoughDeck SS floor scale is designed specifically for Legal for Trade applications requiring the added corrosion protection of stainless steel. Applications include dry chemical operations, fertilizer plants and other industries which require non-washdown corrosion resistance. 3 X 3 ft 2000 x 0.4 lb



Capacity x Readability

Non Legal Mode: 2000 lb x 0.4 lb

Legal For Trade: 2000 lb x 0.4 lb

Pan Size

3 X 3 ft

This Item Contains the following items

- [1 x Rice Lake SS-3X3-2K Roughdeck 3 ft X 3.5 in Stainless Steel Floor Scale - Legal for Trade - Base Only - 2000 lb](#)
- [1 x Rice Lake Roughdeck Upgrade to RLH35 welded-seal IP67 stainless steel FM approved load cells and hardware](#)
- [1 x Rice Lake 882IS-Roughdeck-SS Scale to Indicator Calibration](#)
- [1 x Rice Lake 882IS Intrinsicly-Safe 185288 Digital Weight Indicator with Battery Pack Charger & tilt Stand](#)

Manufacture: Rice Lake

SKU: 882IS-18664



Legal for Trade

Please Call (800)832-0055

Features

Roughdeck-SS Series

The RoughDeck SS floor scale is designed specifically for Legal for Trade applications requiring the added corrosion protection of stainless steel. Applications include dry chemical operations, fertilizer plants and other industries which require non-washdown corrosion resistance.

A rigid six-inch, 304 stainless steel channel frame and smooth top plate provide a durable scale deck. For added corrosion resistance, four NTEP Certified stainless steel load cells, a stainless steel TuffSeal summing junction box and EL147HE hostile environment load cell cable complete the RoughDeck SS package.

The channel frame provides added protection by enclosing the load cells, cable and junction box inside, away from chemicals and other industrial elements.

All of our floor scales, unless specified otherwise, are built with lifting holes to assist our dealers during installation, or to later service the scales. The lifting holes are not the same size on all of our scales and in the PDF on the Resources tab, you will find a chart that lists the standard size and quantity of eyebolts needed for our scales.

- Rugged non-corrosive design
- 304 stainless steel construction
- Rigid stainless steel channel frame
- Four stainless steel NTEP Certified shear-beam load cells
- 20 ft of SURVIVOR® EL147HE hostile environment load cell cable
- Side access junction box
- TuffSeal® JB4SS stainless steel, NEMA Type 4X junction box with signal trim card
- Smooth stainless steel deck
- Four adjustable stainless steel SUREFOOT™ support feet

882IS Intrinsically-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 Roughdeck-SS - 882IS Explosion Proof Floor Scales

Model 882IS-18663 882IS-46239 882IS-18664 882IS-46241 882IS-18665 882IS-18666 882IS-18667 882IS-18668

Capacity x Readability	2000 x 0.4 lb 1000 x 0.2 kg	1000 x 0.2 lb 500 x 0.1 kg	2000 x 0.4 lb 1000 x 0.2 kg	1000 x 0.2 lb 500 x 0.1 kg	5000 x 1 lb 2500 x 0.5 kg	10000 x 2 lb 5000 x 1 kg	5000 x 1 lb 2500 x 0.5 kg	10000 x 2 lb 5000 x 1 kg
Pan Size	2.5 x 2.5 ft	3 x 3 ft	3 x 3 ft	4 x 4 ft	4 x 4 ft	4 x 4 ft	4 x 5 ft	4 x 5 ft
Legal For Trade	Base: NTEP CC CC 92-001, Class III 5,000 d Indicator: NTEP CC 19-015 Class III/IIIL 10,000d							
Indicator	882IS Indicator (Hazardous Area) with Battery pack (Hazardous Area), Charger (Safe Area) & Tilt Stand Part No 185288 FM Approved							
Load Cell Output Impedance	Stainless steel deck with RLH35 welded-seal IP67 stainless steel FM approved load cells and hardware 350							
End Load Capacity	200% full scale at 1,000 lb 100% full scale at 2,000 lb and 5,000 lb 80% full scale at 10,000 lb							
Cable Length	20 ft (6.1 m)							
Threaded Eyebolt	Hole (1/2-20 NF) located in center of deck for easy lifting							
Warranty Hight	RoughDeck SS weldment five years, load cells two years, all other components one year 3.5 in							

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