

# DORAN<sup>®</sup>

## 8000IS Intrinsically Safe Weight Indicator



Model 8000IS  
CC #89-051A1  
P MAX = 3000g  
Class III



**Factory  
Mutual  
System**

- **Factory Mutual Approved for All Classes, Divisions and Groups**
- **Battery or Line Powered Indicator**
- **The Best Weight Indicator for Use In a Hazardous Environment**
- **Use Any Doran Scale Base or Compatible FM Load Cell**
- **No Bulky Explosion - Proof Case or High Maintenance Purge System**
- **Safe Area Battery Recharge**

**DORAN**

# 8000IS

Intrinsically Safe Weight Indicator

**A**pproved for all Factory Mutual hazardous area classes, divisions and groups, the Doran 8000IS Scale Indicator can be mated to compatible FM load cells to form a complete intrinsically safe scale system. This includes *any* Doran scale base, as well as most FM approved load cells. Full scale capacities from 1.3 to 120K lbs and resolutions up to 10K divisions are supported by the 8000IS.

Battery or line powered and built with Doran dedication to quality, you just can't find a more flexible or reliable FM approved weighing system at any price. It's NTEP accepted, too!

The Doran 8000IS offers initial *and* long term savings over a bulky explosion-proof case or a high maintenance air purge system. First by easily fitting into your budget now, and second by reliable, long life performance.

### 8000ISAC Line Power

For permanent installation, the 8000ISAC is AC line powered, eliminating battery & recharge. The 8000AIS AC/DC Power Supply can be mounted in the safe or hazardous area, up to 30 feet from the indicator. Refer to Doran System Control Drawings for FM installation directions.

### 8000BIS Battery Pack

The rechargeable Battery Pack provides 100 hours of use under continuous operation – much longer when used in the “timer” mode. The Battery Pack is external and easy to remove to the safe area for recharge. Keeping a spare battery on charge at all times will insure uninterrupted weighing.

### Features

The 8000IS is full featured. It has all the popular features of the field-proven Doran 8000 Scales including:

- On/Restart
- Digital Averaging
- Tare
- Auto Zero Tracking
- Convert
- Auto Sleep Mode
- Print
- Motion Detection

### 8000CIS Battery Charger

Quickly recharges the 8000BIS Battery Pack, included with each battery system. *Charger must be used in a safe area only!*



### Approvals

The 8000IS is Factory Mutual approved for

- Class I, II and III
- Division 1 and 2
- Groups A through G
- NTEP C. of C. #89-051A1  
3000 Divisions, CLASS III

### Load Cells

Only FM approved load cells may be used with the 8000IS. Currently, all Doran DSP or 7000P bases, as well as many other FM cells made by Tedeia, Sensortronics and Revere are approved for use with the 8000IS. Consult factory for latest update.

### Specifications

- NEMA 4X Stainless Steel
- Size: 10" by 6" by 3" d
- Weight: 11.5 lbs (5.2 kg)
- 115/230 VAC Power

### Installation

See Doran 8000IS FM System Control Drawings and 8000IS Operator's Manual for installation and operation details.

### Options

- Column Mount for Indicator
- Spare 8000BIS Battery Pack
- Remote Pushbutton Operation:  
ZERO, TARE, PRINT
- RS-232 Serial Data Port
- AC Power Supply (Appropriate FM approved barrier strips and other FM required protection may be needed to implement your installation.)

### Ordering Information

- 8000IS Battery System includes:  
Indicator, Battery & Charger
- 8000ISAC Line Power System includes:  
Indicator & AC/DC Power Supply

### Warranty

2 years on parts and labor. Specifications subject to change without notice.

**DORAN**

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