



The Model 350 I.S. and Model 355 I.S. are designed to be intrinsically safe in hazardous environments and meet global standards in metrology and electrical safety with precision weighing. Smart features such as quick calibration, fast update rate, and process control configuration offer value-added flexibility. They are designed for use in multi-level applications and provide operator access for monitoring and controlling actions based on weight values.

## FEATURES

Model 350 I.S./355 I.S. (Hazardous Area Indicator)

- Display Choices: LCD, LCD Backlit, or LED
- Up to 200 hours continuous use with battery module
- Real time clock with battery backed time and date
- Two (2) communication ports
- Stainless Steel IP6X/NEMA 4X enclosure
- Power up to four (4) 350  $\Omega$  load cells
- Update Flash firmware enhancements with GSE Reflash utility
- AC Power Module can be located in safe or hazardous area
- START, STOP, TARGET keys for Setpoint Control functions (355 IS)
- Two (2) Intrinsically Safe inputs for remote key functions
- 8 V Excitation Module increases signal input level





### Approved for All Classes, Divisions, and Groups

The Doran 8000IS Digital Weight 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.

### Battery or AC Powered Models are Available

The rechargeable battery pack provides 100 hours of use under continuous operation—much longer when used in the sleep mode. The battery pack is external and easily removed to the safe area for recharging.

For permanent installation, the 8000ISAC model is AC lined powered, eliminating the need for the battery and charger. The AC power supply module can be mounted in the safe or hazardous area, up to 30 feet from the indicator.



### 320 IS

The 320IS provides basic weighing functions while addressing the specific voltage and regulatory requirements for explosive environments. The five-key operation is very user friendly. To interface with peripherals like printers or PC's, install an optional I/O module outside the hazardous area. Use with either AC or DC power supply, both intrinsically safe.



### 320 IS Plus

Get basic weighing functions with the benefit of a full front keypad in Rice Lake's 320IS Plus. When used with an optional I/O module installed outside the hazardous area, the 320IS Plus can provide enhanced programmability and batching functions. Use with either AC or DC power supply, both intrinsically safe.



**FC-Ex**

Intrinsically safe, high-resolution industrial scales.  
Available for Ex-zone 1 and 2. Readability 0.001 to 2 g.  
Weighing range 0.62 to 300 kg.

Intrinsically safe

RS232 interface port is standard on all models

Graphical display and bar graph

Backlit display for use in hazardous areas

**Economy Ex Stainless Steel**

Intrinsically safe industrial scale in stainless steel for weighing ranges of 0.1 g up to 3 t with a resolution of 15,000d (intervals). These industrial scales feature 11 different load plate dimensions, high IP Protection and various options.

Completely made of stainless steel, rough construction.

IP Protection: Platform: IP67 / Display unit: IP65.

RS232 data output as standard.

Power supply for installation inside or outside hazardous areas has to be ordered separately.

