

DORAN

Guardian XL/IS

Intrinsically Safe
Weight Indicator

Rely on Doran's Experience...

...Installed in 1,000's of Hazardous Locations



2009
XL/IS

Guardian XL/IS Features...

- FM Approved for:
All Divisions and Classes - Zones and Groups
- Digital Tare - Setpoints - Accumulator
- Battery or AC Power
- Fiber Optic Interface - Optional



Smart Design...
...Better Weighing



Guardian XL/IS Intrinsically Safe Indicator

Rely on Doran's years of experience in hazardous area weighing applications. The new Guardian XL/IS, the 2nd generation of Doran Intrinsically Safe Weight Indicators, is designed for versatility and ease of installation and use.

► **FM Entity Approval**

Doran's Guardian XL/IS can be used with **any** Factory Mutual approved load cells as listed and installed per Doran Control Drawing #900180.

► **Fiber Optic Interface**

Our optional fiber optic link sends control signals to the safe area up to 1,000 feet away. This fiber optic interface provides a remote I/O capability which includes a remote switch input, RS-232 or 4-20mA output, up to four optional relays and remote display output.

► **Advanced Features**

The full keypad on the Guardian XL/IS allows data entry and retrieval for digital tare, setpoints, accumulator, scale ID and lots more. Easy to use menus allow fast & easy scale set-up. Custom messages are shown on a two line, 32 digit alphanumeric LCD display below the 1" LED weight display, which can be read from up to 50 feet away.

► **Digital Calibration**

Guardian XL/IS calibration is quick and easy with its fully digital keypad operation. Span and zero settings are independent and are recorded on audit trails. Tank/hopper scale set-up is especially fast to do.

► **Battery Power & Charger**

Battery power is supplied by an external intrinsically safe battery pack. The rechargeable battery pack provides up to 80 hours of continuous use. Greatly extended battery life can be achieved by using the Sleep Mode. The safe area charger will fully recharge the removable battery pack within 12 hours. The Guardian XL/IS is also available with an optional Hazardous Area AC Power Supply Module.



Guardian XL/IS shown with optional safe area fiber optic interface module.

SPECIFICATIONS

Displays:	Main: 6 digit red LED, 1" high Text: 2 line alphanumeric LCD
Controls:	ZERO, UNITS, PRINT, GROSS/NET, TARE, CLEAR, MENU and Numeric Keypad 0-9
Output:	Fiber Optic Output(optional) 4-20mA Output(optional)
Power:	External Rechargeable Battery or Hazardous Area AC Power Supply
Units:	lb, kg, g, oz, lb & oz and user definable units
Construction:	304 Stainless Steel (16 Gauge) (NEMA 4X)
Dimensions:	6" h x 10" w x 3" d
Warranty:	Two Years Parts & Labor
Options:	Hazardous Area AC Power Supply Fiber Optic Interface Safe Area Digital I/O Load Cell Junction Box-(FM Approved) Spare Rechargeable Battery Pack

Approvals:

Factory Mutual

Guardian XL/IS with Rechargeable Battery Pack
Class I, II, and III Div 1, 2, Groups A-G, T4 and
Class I, Zone 0, AEx[ia] II c

Guardian XL/IS with AC Power Supply
Class I, II, and III Div 1, 2, Groups A-G, T4 and
Class I, Zone 0, AEx[ia] II c (Power supply must be
located in Div 2, Zone 2 or safe area.)

NTEP

10,000d, Class III (Pending)

Your Local Doran Distributor:



Guardian XL/IS Digital Indicator shown with the safe area battery charger & removable battery.



Doran Scales, Inc.

1315 Paramount Pkwy • Batavia, Illinois 60510
1-800-262-6844 • Fax 630-879-0073
www.doranscales.com