

# doron

Model 8000XL  
Bench Scale



Excel Series



## 8000XL Features...

- Battery Lasts 60 Hours Before Recharging
- Washdown Safe "Guardian®" Case & Touchpanel
- 1000% Overload "Quad Spring®" Base
- Powerful Excel Features & Options

Smart Design...

...Better Weighing

# **DORAN** Model 8000XL Battery Power Bench Scale

Introducing the New

## **Excel Series**

Rugged and Portable, the 8000XL Battery Power Bench Scale is the ideal scale where AC power is either unavailable or unreliable. The new Doran Excel Series 8000XL provides exceptional precision for a lifetime of accurate weighing. Advanced standard features include accumulator/counter, grading scale, Peak & Hold and enhanced communication options.

### ► Over 60 Hours of Battery Life

The internal rechargeable battery and charger provides a simple to maintain scale system that can fully charge the battery in five hours, even while in use. The user configurable Auto Shutoff timer can extend battery life to weeks.

### ► 1000% Overload DXL Base

Our unique "Quad-Spring<sup>®</sup>" design provides 1000% overload defense - that's **twice** as much as our closest competition. Protected to a maximum of 10 times the base load rating sets the new industry standard - a feature only available from Doran Scales.

### ► Washdown Safe

The easy to clean stainless steel 8000XL provides NEMA 4X and IP69K washdown protection through superior gasketing and a thick stainless steel enclosure to seal the electronics from harsh environments. The industry exclusive, super tough "Guardian<sup>®</sup>" touch panel resists puncture damage and insures that a watertight seal is maintained.

### ► Ease of Operation

The 8000XL features an easy to read, bright LED display. Simple controls - ZERO, UNITS, and PRINT - make it simple to use, quick to train and prevents operator error.

Model No.	Base Size	Capacity	
		lb	kg
8002XL	10" x 10"	2 x 0.0005	0.9 x 0.2g
8005XL		5 x 0.001	2.3 x 0.5g
8010XL		10 x 0.002	4.5 x 1g
8025XL		25 x 0.005	11.3 x 2g
8050XL		50 x 0.01	22.7 x 5g
8050XL/12	12" x 12"	50 x 0.01	22.7 x 5g
8100XL/12		100 x 0.02	45 x 10g
8050XL/15	15" x 15"	50 x 0.01	22.7 x 5g
8100XL/15		100 x 0.02	45 x 10g
8200XL/15		200 x 0.05	91 x 20g

For scale models with larger base sizes, refer to the Atlas Series Scale Brochure.



**8000XL Scale Family With Optional Atlas Columns.**  
Bases sizes shown l. to r., 15" x 15", 24" x 24", & 10" x 10".

### **SPECIFICATIONS**

- Display:** 6 Digit, red LED, 0.56" High
- Controls:** ZERO, UNITS, and PRINT
- Indicators:** lb, kg, g, oz, NEG, ZERO, & MOT
- Power:** Internal Battery & Charger  
115/230VAC 50/60 Hz
- Units:** lb, kg, g, oz, or lb & oz
- Construction:** 304 Stainless Steel (Meter: 16 Gauge)  
(Base: 7 Gauge Maximum)
- Dimensions:** (Meter) 6" h x 10" w x 3" d  
(Base) 10" x 10" x 2" h;  
12" x 12" x 3" h; 15" x 15" x 3" h
- NTEP:** (Meter) CC #99-129 10,000d Class III  
(Base) CC #97-097A1 5000d Class III
- Options:** 230 VAC operation and RS-232 cables
- Warranty:** Two Years Parts & Labor

### **Powerful New Excel Design**

- **Communications Interface**
  - ◆ Programmable, Bi-directional RS-232 interface
  - ◆ Optional Interfaces: USB 2.0, RS-485, 4-20mA, Fiber Optic, Washdown Ethernet (Wired or Wireless - 802.11b), User definable data output, all Field Installable Options
- **Optional Setpoints**
  - ◆ Up to 8 setpoints are available for use in process control, Accept/Reject, 4 Internal Relays or 8 Digital Outputs
- **Advanced Features**
  - ◆ Accumulator, Counter, Grading Scale, and Peak & Hold - Standard
  - ◆ Dimension setup and communications Windows software

Note: Some options may reduce battery life.

Specifications subject to change without notice.

**Doran Scales, Inc.**

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

[www.doranscales.com](http://www.doranscales.com)