

# DORON

Model 7400  
Bench Scale



Shown with  
optional  
14" column.

Excel Series



## 7400 Features...

- One Button - Easy to Operate
- Rugged "Quad Spring" Base - 1000% Overload Protection
- Checkweigh Indicators - OVER/ACCEPT/UNDER
- IP69K/NEMA 4X Washdown Safe Construction

Smart Design...

...Better Weighing



# Model 7400

## Stainless Steel Bench Scale

Introducing the New

### Excel Series

Easy to Use - Rugged & Reliable - Advanced Scale Features  
Doran's new **Excel Series Model 7400 Scale** gives you all this and more! Designed to replace the highly successful Doran 4100XL and 7000 Series Scales, the Doran 7400 has all the features of both scales along with new Excel Series upgrades. The 7400 combines the simplicity of the 7000 with 4100XL checkweigh functions.

#### ► Ease of Operation

Simple, one button operation - what could be easier? Press ZERO and the bright red LED display shows 0.00. Zero Band Checkweighing is an included 7400 feature with OVER-ACCEPT-UNDER indicators.

#### ► Rugged & Reliable

Our engineers designed the 7400 to survive the harshest industrial environments with maximum reliability. The gasketed four screw case, the stainless steel ZERO button and a watertight LEXAN® lens help achieve that goal.

#### ► 1000% Overload Protection

Doran's "Quad-Spring"™ design protects the load cell to 10 times the scale capacity. This unique four spring system virtually eliminates load cell damage from shock and overload.

#### ► Washdown Safe

304 Stainless Steel construction and an innovative gasket design have been combined to allow the 7400 indicator to meet the stringent NEMA 4X and IP69K classifications for washdown protection.

#### ► Powerful Excel Features & Options

Take the 7400 to new levels with the enhanced features made possible with the new Excel Series Design. Choose from communications options including Wired or Wireless Ethernet.

Model No.	Base Size	Capacity	
		lb	kg
7402	10" x 10"	2 x 0.0005	0.9 x 0.2g
7405		5 x 0.001	2.3 x 0.5g
7410		10 x 0.002	4.5 x 1g
7425		25 x 0.005	11.3 x 2g
7450		50 x 0.01	22.7 x 5g
7450/12	12" x 12"	50 x 0.01	22.7 x 5g
74100/12		100 x 0.02	45 x 10g
7450/15	15" x 15"	50 x 0.01	22.7 x 5g
74100/15		100 x 0.02	45 x 10g
74200/15		200 x 0.05	91 x 20g



The Model 7400 shown in the standard Bench Scale configuration.

#### SPECIFICATIONS

- Display:** 6 Digit, red LED, 0.56" High
- Controls:** ZERO
- Indicators:** lb, kg, g, oz, OVER, ACCEPT, UNDER, NEG, ZERO, & MOT
- Power:** 115 VAC, 50/60 Hz (230 VAC Optional); EMI/ESD protected.
- 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:** 14", 20", and 30" Atlas Columns  
Optional UNITS or PRINT Switch
- 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**
  - ◆ Grading Scale and Peak & Hold - Standard
  - ◆ Rechargeable Battery Option
  - ◆ Dimension setup and communications Windows software.

