



7400 SS Bench Scale

Rugged one-button control with superior washdown protection and 1000% overload protection — available in multiple configurations.

Doran. Powering Performance.



Washdown



Industrial



Food

Durability and simplicity. Checkweigh functions.

The 7400 SS Bench Scale is designed for excellent performance and durability, with all the components engineered for maximum protection in harsh environments.

One-button mechanical operation makes the 7400 SS easy to operate and protects against ruptures that can occur on touchpads. Checkweigh functions to ensure accuracy and consistency.

The system features 304 stainless steel construction, innovative gasket design and superior washdown protection — with components that are Built in the USA.



Indicator with 14" Column
and DXL Series Scale Base

Construction innovation.

Doran's exclusive Quad-Spring construction, available on DXL Series, delivers 1000% overload protection. Shock overload is transferred to the frame of the scale base protecting the sensitive load cell.



WHY INVEST IN A DORAN 7400 SS

Rugged and reliable

Designed to maintain performance in the harshest industrial environments with maximum reliability — with a gasketed four-screw case, stainless steel Zero button, and a watertight lens.

Checkweigh indicators

Over, Under and Accept indicators can be used to check if the product being weighed meets a target weight.

Single pushbutton operation

The equipment is easy to learn, easy to operate, and easy to maintain. Simple, one-button zero operation and a 6-Digit, 0.56" bright red LED display.

Washdown protection

From the heavy gauge stainless steel to the innovative gasket design, this scale meets NEMA4X and IP69K classifications for washdown protection.

Quality is built into every component

The 7400 is the right choice for reliable performance and long-term value. Every component is engineered to withstand harsh environments and the entire system is designed and assembled to meet Doran's quality standards.

In operation, the large stainless-steel button supports precision weighments and operator efficiency, even when wearing gloves. The heavy-duty panel resists moisture and puncture damage, and the bright LED display is easy to read in any lighting condition.

KEY PERFORMANCE FEATURES INCLUDE:

Scale bases

304 stainless steel construction with a DXL Quad-Spring shock-absorbing base design that provides 1000% overload protection in scale bases from 8" x 8" to 15" x 15" — and provides 300% overload protection in bases 18" x 18" and larger. Doran meets the demand for precision measurements of 0.1 g to multiple load cell applications up to 100,000 lb.

Rugged design

In a complete 7400 SS weighing system, all components act as a defense against the damaging effects of shock, water, abuse, and other environmental factors that can cause costly repairs and production downtime.

Multiple power options

100-240 AC, 50/60Hz line power standard for permanent installation or 6-12 VDC input. Support for up to four ohm Stainless Steel load calls.

Communication

Two standard RS-232 ports to connect with computers or other devices.



Indicator with optional
U-Bracket and DXL
Series Scale Base



7400 SERIES

SS Bench Scale

SPECIFICATIONS

Approvals:	NTEP, CWM
Warranty:	Two Years
Display:	0.56" Bright LED
Controls:	Zero
Power:	100-240 VAC 50/60 Hz
Optional Power:	External DC Power (12 VDC)
Number of Load Cells:	Up to 8, 350 Ohm
Communications:	Two Bi-directional RS-232
Construction:	304 Stainless Steel

OPTIONS AND ACCESSORIES INCLUDE

Brackets:	U-Bracket or Attachment Bracket
Columns:	14" Atlas column 30" Atlas column and PFS Series SS Portable Floor Scale available
Scales bases:	8 x 8 in to 5 x 5 ft Accurate to 0.1 g
Weight capacity:	1 to 100,000 lb
Accessories:	Stainless Steel Load Cells



With Doran, you're in total control.

For 40 years, Doran has set a standard for product quality, value and service. Our high-performance turnkey solutions meet the production requirements of food processing, healthcare, chemical manufacturing, and industrial applications.

Doran systems are widely used in applications from 0.1 g to 100,000 lb — and the company's comprehensive product line includes the industry's most varied selection of off-the-shelf options, including tower heights, platform sizes, custom indicators, user-programmable options, and connectivity software.

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