

4300 SS Checkweigher Series

Precise control with rugged features that are easy to use — and advanced data collection capabilities.

Doran. Powering Performance.



Washdown

Industrial

Food

Precision engineering. Delivering years of trouble-free service.

The 4300 SS Checkweigher SS Series excels in the most demanding environments, with a rugged industrial design, superior washdown protection, and simple operation — with components that are Built in the USA.

The entire system acts as a defense against the damaging effects of shock, abuse, and other environmental factors — ensuring long-term performance and delivering long-term value. The responsive keypad and basic controls simplify training and reduces operator error — while supporting weighing accuracy, consistency, and speed.

Checkweighing features support quality standards and improve bottom-line performance. Set target weights and the on-panel lights will indicate OVER, UNDER and ACCEPT to ensure accurate and consistent weighments.



Indicator with 14" Column and DXL Series Scale Base

Quality and scalability.

Our 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 4300

Washdown safe

IP69K classification with 304 stainless steel and an innovative gasket enclosure for heavy duty washdown protection.

Mobility

The optional rechargeable internal battery provides up to 60 hours of continuous use — ideal for production that requires a mobile bench scale.

No experience needed

With five basic controls, the 4300 SS is easy to operate. Checkweigh to zero or actual weight with 3- or 5-zone checkweighing operations.

Configurable for different applications

Choose from two different brackets and three column heights to position the digital readout at the best level — and choose from 34 different options to customize the 4300 SS for production requirements.

Reliable support

On-site support, installation and training provided by Doran specialists to ensure peak performance.

Versatility and exceptional build quality

This versatile system is available in multiple configurations and Doran offers a large selection of Doran power options, communications and networking equipment, and other accessories.

Every component meets Doran's quality standards for manufacturing and assembly. The heavy-duty touch panel resists moisture and puncture damage, and is easy to operate, even when wearing gloves. The large, bright red LED display is easy to read in any lighting conditions.

The optional internal battery makes the scale ideal for projects that require mobility or where power is limited. Add Doran Excelerator software, to collect data for transfer to a Microsoft Excel spreadsheet via a local RS232, Bluetooth or USB port, or sent across a wired or wireless Ethernet network.

KEY PERFORMANCE FEATURES INCLUDE:

Multiple power options

100-240 AC, 50/60Hz line power standard for permanent installation, a high-performance internal rechargeable battery option, or 6-12 VDC input.

Stainless steel bases

304 stainless steel construction with a Quad-Spring shock-absorbing base design.

Bright, backlit LED display

Provides excellent readability in a wide variety of lighting conditions. Adjust the display for optimal viewing angle.

Overload protection

1000% overload protection in scale bases from 8" x 8" to 15" x 15". In bases 18" x 18" and larger, five overload stops provide 300% overload protection.

Advanced control and data collection

Control your process with the two standard RS-232 ports, two standard inputs, or a wide range of communication options. Connect with our wired Ethernet, Wireless Ethernet, Bluetooth, USB or 4-20 mA.



Indicator with U-Bracket



4300 SERIES

SS Checkweigher Scale

SPECIFICATIONS

Approvals:	NTEP, CWM
Warranty:	Two Years
Display:	0.8" Bright LED
Controls:	Zero, Under, Over and Accept
Power:	100 - 240VAC 50/60Hz
Number of Load Cells:	Up to 8, 350 Ohm
Optional Battery:	Internal rechargeable battery, 60 hours of continuous use
Optional Communications:	Ethernet, WiFi-802.11b/g, USB, Bluetooth, or 4-20 mA
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:	2 to 100,000 lb
Accessories:	Thermal label printer, impact printer, custom label formatting



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.

Contact Doran at sales@doranscales.com or call us: 630.879.1200

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