ProDec
DSLS Series Stainless
Steel Floor Scale

Technical Specification

Leveling leg access

3⁄16" thick, non-slip textured top deck

Lifting eye bolt mounting hole

Side access junction box (FM approved)

Under deck channel structure

Hermetically sealed Weigh Bar weight sensor (FM approved)

Leveling leg

DESCRIPTION

General

The ProDec DSLS is an entirely stainless steel floor scale with hermetically sealed Weigh Bars®, suitable for washdown and corrosive applications in the food and chemical industries. ProDec is known as the workhorse of the industry, withstanding many hours of use with minimal downtime.

Design

Low profile design – The height of 3.31 inches on the 5000 lb model and 4.06 inches on the 10,000 lb model allow for easy loading and unloading.

Washdown safe – Designed to exceed tough washdown requirements, the stainless steel ProDec is ideal for environments that require strict sanitation.

Stainless steel construction – The entire deck, Weigh Bar weight sensors and junction box are all constructed in a rigid stainless steel design. This construction is ideal for strict sanitation applications including food and chemical.

Hermetically sealed stainless Weigh Bars® – The stainless steel ProDec features completely sealed stainless Weigh Bar weight sensors. The sealing prevents air, gas and moisture from infiltrating gauge and wiring areas. The Weigh Bar outperforms most shear beam loadcells in accuracy and reliability.

FM approved side access junction box – The side access junction box provides optimum protection during washdown, while providing easy accessibility. Sealing on the junction box prevents bacteria, dirt and other kinds of matter from getting trapped inside.

Unsurpassed rigidity – The ProDec is engineered to provide outstanding strength with its steel support channel understructure welded to a 3⁄16" (2000/5000 lb scale) or ¼" (10,000 lb scale) top plate. This robust design helps to keep the deck from warping and bending.

Four-way ramps – Optional ramps can be added to any side of the scale to speed up workflow from multiple directions and improve efficiency.

Tread plate deck texture – Checkered deck texture provides higher traction than a smooth deck and reduces the risk of slip and fall accidents.

Adjustable feet – The corrosion resistant stainless steel feet with locking nuts are adjustable and allow for leveling between 3⁄8" to ½".

End loading – The ProDec is designed to accommodate some of the most demanding weighing situations. The ProDec has an end loading rating of 200% at a 2000 lb, 150% at 5000 lb and 100% for the 10,000 lb.

Axle loading – The ProDec axle load ratings are: 3300 lb for a 5000 lb scale; 5000 lb for 10,000 lb capacity.

SPECIFICATIONS

Standard sizes, capacities and finishes:

Capacity	Model No.	Dimensions	Shipping Weight
5000 / 10,000 lb (2,500 / 5000 kg)	DSLS3636-05	36 x 36 x 3.31 in (91 x 91 x 8.4 cm)	183 lb (83kg)
	DSLS4848-05	48 x 48 x 3.31 in (122 x 122 x 8.4 cm)	381 lb (173 kg)
	DSLS6048-05	60 x 48 x 3.31 in (152 x 122 x 8.4 cm)	441 lb (200 kg)
	DSLS7248-05	72 x 48 x 3.31 in (186 x 122 x 8.4 cm)	521 lb (237 kg)
	DSLS6060-05	60 x 60 x 3.31 in (152 x 152 x 8.4 cm)	549 lb (259 kg)
	DSLS6060-10	60 x 60 x 4.06 in (152 x 152 x 10.3 cm)	679 lb (309 kg)

Construction: Welded support channels. All cables protected within the deck to eliminate potential damage to wiring.

5000 lb capacity: $\frac{3}{16}$" top plate

10,000 lb capacity: ¼" top plate

Lifting positions: 48" or less – 1 lifting eye on each of the two short sides of the scale. Over 48" – 2 lifting eyes each on each of the two short sides of the scale

Lifting eye size: .50-13 UNC

Weight sensors: Four hermetically sealed, stainless steel Weigh Bars

Weigh Bar output: 5000 lb and 10,000 lb : 1.35 mv/v

Overload protection: 150%

End loading: The end load ratings vary by capacity: 150% for 5000 lb, and 100% for the 10,000 lb

Accuracy: Meets or exceeds NTEP Class III 5000 division accuracy

Temperature: 14° to 104°F (-10° to 40°C)

Interface cable: 5 or 10 ft cable included

Agencies:

NTEP Certificate of Conformance #90-132

Factory Mutual (FM) approved Weigh Bars and junction box. When connected to a GSE 350 Indicator, the ProDec provides a Factory Mutual approved system for Class I, II, III; Divisions 1 & 2; Groups A, B, V D, E, F, G.

Canadian Weights and Measures

Avery Weigh-Tronix

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ISO 9001