



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 5,000 lb model, 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 load cells in accuracy and reliability.

Unsurpassed rigidity – The ProDec is engineered to provide outstanding strength with its steel support channel understructure welded to a 3/16" top plate in the (2,000/5,000 lb) or 1/4" (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.

Pit Frames – Optional pit frames simplify the job of installing the platform flush with the surrounding floor.

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 1/2".

End loading – The ProDec is designed to accommodate some of the most unique weighing situations. The ProDec has an end loading rating of 200% at a 2,000 lb, 150% at 5,000 lb and 100% for the 10,000 lb.

Axle loading – The ProDec axle load ratings are: 3,300 lb for a 5,000 lb scale; 5,000 lb for 10,000 lb capacity.

PRODEC STAINLESS STEEL FLOOR SCALES *Technical Specification*

STANDARD SIZES, CAPACITIES AND FINISHES

	Model No.	Dimensions	Shipping Weight
5,000 / 10,000 lb (2500 / 5000 kg)	DSLS3636-05	36 x 36 x 3.31 in (91 x 91 x 8.4 cm)	183 lb (83 kg)
	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)
	DSLS8460-10	84 x 60 x 4.06 in (213 x 152 x 10.3 cm)	897 lb (408 kg)

SPECIFICATIONS

GENERAL

Construction	Top quality, 304 stainless steel material. Welded support channels. All cables protected within the deck to eliminate potential damage to wiring. <i>2,000/5,000 lb capacity: 3/16" top plate</i> <i>10,000 lb capacity: 1/4" top plate</i>
Lifting Positions	48" or less – one lifting eye on each of the two short sides of the scale. Over 48" – two lifting eyes each on each of the two short sides of the scale
Lifting Eye Size	0.50-13 UNC
Weight Sensor	Four hermetically sealed, stainless steel Weigh Bars
Weigh Bar Output	5,000 lb, 10,000 lb: 1.35 mv/v
Overload Protection	150%
End Loading	The end load ratings vary by capacity: 150% at 5,000 lb, and 100% for the 10,000 lb
Accuracy	Meets or exceeds NTEP Class III 5,000 division accuracy
Operating Temperature	14° to 104°F (-10° to 40°C)
Interface Cable	25 ft cable included
Agencies	NTEP (CC# 90-132) Measurement Canada For Hazardous Area applications, contact the Avery Weigh-Tronix Industrial Support group for assistance with Class I, II, III Div. 1 & 2 barrier options with safe area ZM Indicators.



Measurement
Canada Approved

Avery Weigh-Tronix

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