

WB-521 Series

Heavy Duty Weigh Beams



The WB-521 Series Weigh Beams are pre-calibrated with the SBI-521 LCD Indicator. This highly portable scale system is designed with simplicity in mind. In just a few minutes, the entire scale is set-up and ready to weigh. The Weigh Beams have built-in handles and 4 m / 13' of load cell cable with quick connectors. Each beam is only 16.5 kg / 36 lb light enough to be carried by one person.

Equipped with IP65 rated waterproof stainless steel enclosed indicator and stainless steel mounting bracket with an easy-to-read LCD display.

Tough mild steel weigh beams ideal for weighing pallets, long load, and installations under conveyors, tanks and hoppers. The weigh beams are also suitable for weighing long lengths of pipe or other difficult to handle materials. The distance between beams are adjustable according to the size of the load with four broad adjustable rubber feet for maximum stability. Programmable hold, print, accumulation and check weighing functions with advanced weigh fine-tune feature to make simple calibration convenient. Geography auto-compensation for local gravity effects to avoid initial calibration with test weights. Adjustable filter settings to reduce environmental vibration noise for rapid setting and quick measurements.



Accuracy
0.06% of full capacity



Capacity
2500 kg x 0.5 kg / 5000 lb x 1 lb
5000 kg x 1 kg 10,000 lb x 2 lb



Power
Internal PSU and 6V 4Ah
rechargeable battery



Display
Seven digit, seven segment 5 mm / 1"
LCD with adjustable brightness



Construction
1.2 m Mild steel beam with stainless
steel housing indicator



Operating Keys
Hold/Setup, Print/Func, N-G/Total,
Unit/Data, Tare/Preset, Zero/On-Off

WB-521 Series Heavy Duty Weigh Beams

Specifications

Capacity: 2500 kg x 0.5 kg / 5000 lb x 1 lb
5000 kg x 1 kg / 10,000 lb x 2 lb

Unit of Measure: kg, lb, lb/oz, PCS, %

Display: Seven digits, seven segment 25 mm / 1"
LCD with adjustable brightness

Two Weigh Beams: The system includes two Weigh Beams with built-in carry handles. Each Weigh Beam has 4.65 m / 13' load cell cable with quick connectors.

Pre-Calibrated

Indicator Rating: IP65 rated waterproof stainless steel enclosed indicator and stainless steel mounting bracket

Internal Filtering: Adjustable filter setting to reduce environmental vibration noise for rapid setting and quick measurements

Load Cell: Four 350 ohm load cells with an output of 2mV/V

Real Clock: Built-in nonvolatile real time & date

Zero Range: Selectable up to full capacity

Tare Range: 100% subtractive

Static Overload Capacity: 200%

Calibration: Front panel access with Geography auto compensation features

Serial Port: Full-duplex RS-232 interface, half-duplex RS-485

Power: Internal PSU and 6V 4Ah rechargeable battery (UK power cord only)

Approximate Battery Life: 48 hrs

Operating Temperature:
-10° C to 40° C / 14° F to 104° F

Beam Dimension (L x W x H):
1200 mm x 100 mm x 60 mm
47.24" x 3.94" x 2.36"

Beam to Beam Cable Length: 4 m / 13'

Indicator to Beam Cable Length: 4 m / 13'

Indicator Dimension (L x W x H):
262 mm x 215 mm x 94 mm
10.3" x 8.5" x 3.7"

Packing Dimension (L x W x H):
1350 mm x 1000 mm x 420 mm
53" x 39" x 16.5"

Shipping Weight: 39.5 kg / 87 lb

Certifications: UKCA, CE, RoHS 3, WEEE, FCC, Prop 65



www.brecknellscales.com

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Part of Avery Weigh-Tronix