

DCSB Floor Scale Systems

Calibrated with SBI 240 LCD Indicator



This robust DCSB Floor Scale, calibrated with SBI 240 Indicator, is the ideal weighing solution for a wide variety of industries where palletized goods are constantly being weighed or moved around by pallet jacks or forklifts.

The platform deck, available in a wide range of capacities and dimensions, has 1/4" / 6 mm thick hard-wearing checker plate with powder coat surface finish and waterproof IP67 load cells.

Simple to operate, the SBI 240 indicator with LCD display offers all the functions and features needed to improve efficiency and increase productivity in most warehouse and manufacturing environments.



Accuracy

NTEP at 5000d, Class III,
legal-for-trade indicator



Capacity

2500 lb x 0.5 lb / 1250 kg x 0.2 kg
5000 lb x 1 lb / 2500 kg x 0.5 kg
10,000 lb x 2 lb / 5000 kg x 1 kg



Power

9V 600mA power supply with
USA/UK/EU adapters (included)
and four AA batteries (not included)



Display

6½ digits 1" / 25 mm high, large seven
segment LCD with white backlight



Construction - 3 Year Warranty

Carbon steel fabrication with 1/4" / 6 mm
thick safety tread top plate & heavy duty
welded channel under structure, 150%
overload protection



Operator Keys

Setup, Print/Func, Acc/Total, Unit/Data,
Tare/Preset, Zero/On/Off



Indicator

Comes fully calibrated with
the robust aluminum SBI 240 LCD
multi-function indicator

DCSB Floor Scale Systems Calibrated with SBI 240 LCD Indicator

SBI 240 Specifications

Indicator Construction: Die cast aluminum indicator housing with adjustable steel desk/wall bracket

Display: 6½ digits 1" / 25 mm high, large seven segment LCD with white backlight

Operator Keys: Setup, Print/Func, Acc/Total, Unit/Data, Tare/Preset, Zero/On/Off

Functions: Weighing, check weighing and accumulation

Unit: lb, oz, lb/oz, kg, g, pcs, %

Communication: One USB (VCP) and one RS-232 bi-directional full duplex port

Print Format: Configurable

Load Cell Capability: Up to four 350 ohm load cells

Excitation: 5 VDC up to 55mA

Filtering Setting: Adjustable

Display Resolution: 100-100,000d primary units / 100-125,000d second units

Floor Scale Connection: 9.8" / 250 mm cable is fixed to indicator side with quick release connector. An additional 14.76 ft / 4.5 m interface cable is connected to the floor scale junction box.

Annunciators: -0-, motion, gross, net, tare, total, lo-ok-hi, lb, kg, print

Calibration: Front panel accessible, multi-point

Power: 9V 600mA, 110-230V switch mode external power supply and comes standard with USA/UK/EU interchangeable plug adapters or four AA batteries

Battery Life: 32 hrs with backlight, 45 hrs without

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

Dimensions (L x W x H): 9.5" x 4.9" x 2.5" / 241 mm x 125 mm x 64 mm

Certifications: NTEP CC #15-084, Class III, Measurement Canada AM-6006 (indicator) and CC #02-070 (base), OIML R60 approved load cells, FCC, Prop 65, UL approved, UKCA, CE, RoHS 3, WEEE

DCSB Specifications

Deck Construction: Fabricated from high quality mild steel with a 1/4" / 6 mm hard wearing checker plate top deck structure and specially designed folded channel understructure to help maximize strength where needed

Finish: Powder coated surface finish

Load Cell: Four waterproof-IP67, NTEP/OIML R60 approved, 350 Ohm ± 3.5 load cells

Load Cell Rated Output: 3 mV/V

J-Box: Weatherproof IP65, ABS housing with floor scale top access for ease of installation/service

Interface Cable Length: 14.76 ft / 4.5 m

Leveling Feet: Four adjustable leveling feet with top hole access for quick installation

Threaded Eye Bolts: Four threaded top access eye-bolt holes for easy mobility and pit service

Corner Protection: Closed corner protection to prevent damage to leveling feet

Overload Protection: 150% of rated capacity

Floor Scale Height Adjustment: min 3.1" / 79 mm; max 4.1" / 104 mm

Capacity and Resolution:

Model	Capacity	Dimension (in)	Dimension (mm)
DCSB3636-2.5	2500 lb x 0.5 lb 1250 kg x 0.2 kg	36 x 36 x 3.1	915 x 915 x 79
DCSB4848-05	5000 lb x 1 lb 2500 kg x 0.5 kg	48 x 48 x 3.1	1220 x 1220 x 79
DCSB5959-05	5000 lb x 1 lb 2500 kg x 0.5 kg	59 x 59 x 3.1	1500 x 1500 x 79
DCSB4848-10	10,000 lb x 2 lb 5000 kg x 1 kg	48 x 48 x 3.1	1220 x 1220 x 79
DCSB5959-10	10,000 lb x 2 lb 5000 kg x 1 kg	59 x 59 x 3.1	1500 x 1500 x 79

Shipping Weight (Indicator in the J-Box cavity):

DCSB3636: 143 lb / 66 kg

DCSB4848: 253 lb / 116 kg

DCSB5959: 403 lb / 184 kg

Options: End ramps and brackets, pit frame, floor mount plates, SBI240 floor stand, COM cables

Warranty: Includes three year parts on DCSB deck from time of purchase. Consult factory.

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