

Model S100

General Purpose Scale



- **Accuracy**– 0.01% of full scale
- **Capacity**– 150 lb (75 kg), 300 lb (150 kg) and 600 lb (300 kg)
- **Construction**– Stainless steel weight platter, painted mild steel base, ABS indicator
- **Display**– Large, easy to read, bright red LED display
- **Power**– AC/Mains power and built-in rechargeable lead-acid battery
- **Operator Keys**– Power/Zero, Tare, Units, Hold/Print
- **Platform Length**– 18" x 22" (457 mm x 559 mm)
- **RS-232**– Standard

VALUE IN
WEIGHING

S100 General Purpose Scale

Features

The S100 is a low cost general purpose, self-contained industrial scale with RS-232 interface for simple non-trade weighing applications.

Column or Desk Mount Indicator: Attach the indicator to the stainless steel column to provide a total height of 36.5" (927 mm) or remote the indicator up to 48" (1220 mm) without the use of column

RS-232 Interface: SBI 100 indicator can be configured for weight only or GTN via continuous output, print key, or stable weight. Choose bi-directional interface for communication to a PC

ON/OFF Switch: Remove power from indicator to increase battery performance and life of product

Auto Shut-off Timer: Adjustable from 1-15 minutes or Off

Weight Hold Functions: Can be configurable for manual button release, automatic release on change in weight, or within +/- 3-50 scale divisions

Internal Rechargeable Battery: Low battery and battery charging annunciators indicate status of lead-acid battery. Battery is charged while AC power is active.

Units Switching: Can be configured for LB/KG switching, LB only, or KG only

Adjustable Resolution Setting: Factory default setting of 6,000 or 7,500 divisions can be modified to increase performance within certain applications

Adjustable Scale Setting: Power on zero, AZT, 4 filter settings, weight stability, overload, baud rate and status bits

Robust Design: Re-enforced painted mild steel base, stainless steel weight platter and pole, robust ABS plastic indicator with strain relief connections, and heavy duty adjustable foot assemblies

Specifications

Capacity: 150 lb x 0.02 lb (75 kg x 0.01 kg)

300 lb x 0.05 lb (150 kg x 0.02 kg)

600 lb x 0.1 lb (300 kg x 0.05 kg)

The Model S100 is non-trade approved

Construction: Mild steel base, stainless steel top cover and display pole, ABS plastic indicator

Tare: 100% subtractive

Display: Six digit 0.8" (20 mm) high red LED display with 8 separate LED annunciators

Annunciators: Net, zero, kg, lb, hold, low battery, battery charging, mains connected

RS-232: Standard 9 pin straight pass through interface connector, interface cable not included

Function Keys: Power Switch, On/Off/Zero, Tare, Units, Hold/Print

Auto-off: Selectable between 1 to 15 minutes after inactivity

Power:

North America: 120V AC @ 60Hz, 12 VDC, 500mA UL Approved wall mount power adapters

UK/EU: Version Power Supply 230V @ 50 Hz 12 VDC, 500mA, CE approved 3 pin UK and 2 pin EU 230V wall mount power adapters

AUS/SA: Version Power Supply 100-240V @ 50/60Hz, 12 VDC, 500mA, C-tick approved 3 pin Australian and a 3 pin South African wall mount power adapters

Battery Life: Up-to 35 hours of continuous use

Operating Temperature: 41° F to 95° F (5° C to 35° C)

Weight: 44 lb (20 kg)

Packaging Dimension: 35" L x 24" W x 8" H

965 mm (L) x 610 mm (W) x 203 mm (H)

Shipping Weight: 53 lb (24 kg)

Packaging Contents: SBI 100 indicator, S100 base with load cell interface cable, power supply(s), SS mounting pole, indicator mounting hardware.

Approvals: Full FCC compliance, UL/CUL power adapter, CE, WEEE directive

Dimensions

A = 22" (559 mm)

B = 18" (457 mm)

C = 5" (127 mm)

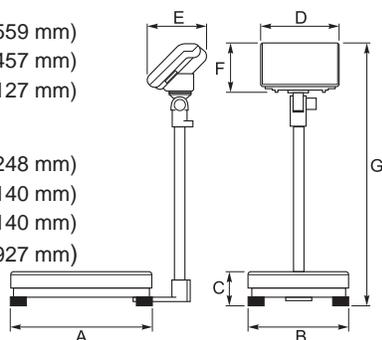
Indicator

D = 9.75" (248 mm)

E = 5.5" (140 mm)

F = 5.75" (140 mm)

G = 36.5" (927 mm)



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