

## SBI 521

### Digital Weight Indicator



Measurement Canada



SBI 521 LCD



SBI 521 LED

The legal-for-trade SBI 521 Indicators is a simple to operate weight indicator designed for use in a wide range of applications (weighing, counting, check weighing, percentage weighing, accumulation). These indicators are housed in a robust IP65 stainless steel housing and is supplied complete with a mounting bracket, that is ideal for wall or bench mounting.

The SBI 521 Indicator ensures accurate readings and can connect to any bench or floor scale with a maximum of up to eight 350 ohm load cells.

AC or battery powered these indicators are ideal for areas where continuous power may be hard to find.

The SBI 521 indicators come stranded with RS-232/485 bi-directional comm's ports for data capture with a printer or PC.



#### Accuracy

NTEP approved for 10,000 divisions, class III



#### Display

Backlit LCD or LED



#### Power

6 volt 4 AH rechargeable internal lead acid battery or AC mains powered



#### Operator Keys

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



#### Construction

Heavy duty stainless steel IP65 weatherproof with stainless steel swivel stand



#### Functions

Hold, counting, totalizing, check weighing, percentage, peak

# SBI 521 Digital Weight Indicator

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## Specifications

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**Power:** Input 100 - 240VAC, 50 - 60Hz internal mounted power supply and 4 AH internal battery with built-in battery charging circuit

**Peak Capture Rate:** 80Hz

**Display:**

Seven digit, seven segment, 0.7" / 17 mm LED

Six digit, seven segment, 1" / 25 mm LCD

**Max Display Range:** -999,999 to 999,999

**Keypad:**

**6 Push Buttons:** hold/setup, print/func, n-g/total, unit/data, tare/preset, zero/on-off

**Available Unit of Measure:** kg, lb, lb:oz, PCS, %

**Load Cell Excitation:**

**Voltage:** 5 VDC, Max. Current: 120mA, can power eight @ 350 ohm load cells

**Max Sensitivity:** -3 mV/V to +3 mV/V

**Analog Circuit:**

24-bit A/D converter

Division Number Range: 100-100,000

**Communication:**

Serial Port1: Full-duplex RS-232

Serial Port2: Full-duplex RS-232 or half-duplex RS-485

Baud Rate: Selectable: 1200-2400-4800-9600-19200-38400-57600 bps

**Data Output Format:** 8N1, 7O1, 7E1

**Protocol:** Programmable

**Print Format:** Selectable Gross Weight, Tare, Net, Time/Date, Scale ID, Percent, Count, Piece Weight, Total

**Real Clock:** Built-in nonvolatile real time & date

**Approximate Battery Life:** LCD: 48 hrs\*; LED: 30 hrs\*

*\*Battery life will vary depending on number and type of load cells used, duration of backlight, temperature, and other factors*

**Operating Temperature:**

14° F to 104° F / -10° C to 40° C

**Indicator Dimension (L x W x H):**

3.5" x 10.5" x 8.5"

89 mm x 267 mm x 216 mm

**Packaging Dimension (L x W x H):**

11" x 11" x 6.5"

279 mm x 279 mm x 165 mm

**Shipping Weight:** 8 lb / 3.7 kg

**Certifications:** NTEP CC# 11-119, Measurement

Canada AM-5923, FCC, Prop65, UL listed adapter, RoHS, CE, UKCA, WEEE

**Packaging Contents:** Indicator and manual



[brecknellscales.com](http://brecknellscales.com)

[brecknellscales.co.uk](http://brecknellscales.co.uk)