Brecknell

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

VALUE IN WEIGHING

SBI 521 Digital Weight Indicator

Specifications

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

Packaging Contents: Indicator and manual

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