SBI-521

Digital Indicator

Measurement Canada
Approved

SBI-521 LCD

SBI-521 LED

- **Divisions–** NTEP approved for 10,000 divisions, class lll

- **Display Resolution–** 100 -100,000d primary units; 100 - 125,000d secondary units

- **Display–** Backlit LCD or LED

- **Power–** 6 volt 4 AH rechargeable internal lead acid battery with 110/220 AC internal transformer (included) or external customer supplied 12 VDC

- **Function–** Hold, counting, totalizing, check weighing, percentage, peak

- **Time and Date–** Standard

- **Audit Trail–** Class I with physical seal

- **Load Cells–** Drives up to 8 @ 350Ω

- **Enclosure–** Heavy duty stainless steel IP65 with stainless steel swivel stand

- **Serial Point–** Two full duplex RS-232 serial port; demand or continuous

- **Digital Calibration–** Full front panel configuration

- **Multi-Point Calibration–** Up to four points

- **Approvals–** NTEP, Measurement Canada and CE

VALUE IN WEIGHING

SBI-521 Digital Indicator

Features

Sealable Sub Menus

Programmable auto-power off time, backlight working mode (LCD version) and adjustable LED brightness (LED Version)

Available check weighing mode, parts counting mode, percentage mode, programmable hold function with peak and average capabilities

Battery voltage display and charging indicator

Programmable Serial Output

Four Point Calibration

One hardware low pass filter and 2 programmable digital low pass filters

Fine Tune Weight Adjustment

Test menus to test display, comm ports, keyboard

Misc menu to display ADC, Battery Voltage, Time and Date, Firmware Version and Com2 interface type

Adjustable desktop stand for easy viewing angle

Specifications

Power: Input 100 - 240VAC, 50 - 60Hz internal mounted power supply with output of 12VDC at 2 amps and 4 AH internal battery with built-in battery charging circuit

Peak Capture Rate: 80Hz

Display:
Seven digit, seven segment, 17 mm / 0.7" LED
Six digit, seven segment, 25 mm / 1" 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 8 @ 350 ohm loadcells,
Max Sensitivity: -3 mV/V to +3 mV/V

Analog Circuit:
24-bit A/D converter
Division Number Range: 100-100,000

Specifications

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 Temperture:
-10° C to 40° C / 14° F to 104° F

Indicator Dimension:
89 mm (L) x 267 mm (W) x 216 mm (H)
3.5" L x 10.5" W x 8.5" H

Packaging Dimension:
279 mm (W) x 279 mm (L) x 165 mm (H)
11" W x 11" L x 6.5" H

Shipping Weight: 3.7 kg / 8 lb

Product Code:
AWT05-506154: LCD - US Version
AWT05-506155: LED - US Version
AWT05-506175: LCD - UK Version
AWT05-506173: LED - UK Version
AWT05-506176: LCD - EU Version
AWT05-506174: LED - EU Version

Certifications: NTEP CC# 11-119, Measurement Canda AM-5923

Packaging Contents: Indicator and manual

Options

RD-65

CP103