

SBI-521

Digital Indicator

Measurement Canada
Approved



SBI-521 LCD



SBI-521 LED



- **Divisions**– NTEP approved for 10,000 divisions, class III
- **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 12Vdc
- **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**– 2 full duplex RS-232 serial port; demand or continuous
- **Digital Calibration**– Full front panel configuration
- **Multi-Point Calibration**– Up to 4 points
- **Approvals**– NTEP and CE
Pending– EC, OIML, Canada W&M

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

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, %

Operating Temperature: -10° C to 40° C

Load Cell Excitation:

Voltage: 5 VDC, Max. Current: 120mA, can power 8 @ 350 ohm loadcells,

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

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

Analog Circuit:

24-bit A/D converter

Division Number Range: 100-100,000

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*

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, AM5923

Packaging Contents: Indicator and manual

Options



RD-65



CP130



a division of Avery Weigh-Tronix, LLC

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