

# 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

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

### 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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## About us

- Legacy Technology Services is a leading nationwide provider of mobile computing, barcode, printers and point of sale equipment and services.
- For over a decade, thousands of clients across North America have trusted us to provide equipment from leading manufacturers backed by the services to support them.

## Latest Hardware from top manufacturers

- Legacy handles virtually every major manufacturer of mobile computing, barcoding and point of sale equipment.

## Expert Repair and Maintenance services

- Legacy is one of the best repair facilities in North America

## Discontinued product sourcing

- They don't make it anymore? Our inventory also includes manufacturer close-outs and discontinued equipment to support our clients legacy infrastructure.

## Trade-in and Disposal services

- That old equipment laying around your facility may still have some value. Legacy routinely purchases equipment from our clients around the globe.
  - Data destruction
  - Hardware disposal
  - Auditing services

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- Dedicated, highly trained account managers are here to answer all your questions and provide top notch service.

## Equipment rental services

- Sometimes renting is a better solution, Legacy's huge rental inventory provides the equipment you need for temporary needs and projects.



[Legacy, Inc.](http://Legacy, Inc.)

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