

WEIGH-TRONIX



WI-125 and WI-825 Indicator Series

The WI-125 and WI-825 Indicator Series From Weigh-Tronix

In the real world one size does not fit all. And in the scale industry one type of indicator does not fit all applications either. Weigh-Tronix realized this and decided to take the first step in offering a multitude of price sensitive indicators to fit everyone's needs. Whether you are a first time scale user or have used scales for years, the right indicator makes all the difference. Weigh-Tronix has tailored your needs into an indicator perfect for your application and pocketbook. The collection ranges from a simple, no-frills version to full-featured and parts counting models with Lexan® or metal enclosures.



WI-125 Indicator Series

Why pay for functions you will never use? The WI-125 Indicators give you tough, compact, simple to operate weighing instruments with just the right functions. The WI-125 Super-Saver is a no frills indicator for simple weighing operations and the WI-125 Full-Feature gives you more features for even greater flexibility.

WI-125 Super-Saver

The WI-125 Super-Saver Indicator has a keypad with six function keys. These single function keys make learning and operating the keypad faster and easier.

Choose from simple menu configurations to reduce setup time for operators. To protect from mishaps in data entry, initiate an access code for use by designated personnel only.

The heavy-duty carbon steel enclosure protects internal components from damage. A powder-painted finish keeps it looking good and a front bar props up the indicator for better vision.

Internal circuitry undergoes a variety of test procedures to ensure long life. Component parts inserted snugly on printed circuit boards provides quality assurance.

The WI-125 Full-Feature

Although it looks just like the Super-Saver, the WI-125 Full-Feature has more features which allow for more complex weighing applications.

Two methods of tare entry give you more flexibility. Use the push-button tare key or the scrolling feature. The scroll feature uses arrow keys to establish tare values.

The added RS-232 serial port interfaces with printers and computers. Customize your printout with your company name, message, location, character size and pertinent information right from the indicator.

WI-125 Super-Saver

Another full-feature is the display backlighting. You won't be left in the dark with this indicator. In low light locations the WI-125 Full-Feature has a light emitting diode that transmits light through fiber optic strands to illuminate the display.

The WI-125 Full-Feature comes with a heavy-duty swivel stand that mounts on tables or walls and adjusts to the sight line you require.



WI-125 Full-Feature with WP-232 printer

WI-125 NEMA 4X Indicator

The NEMA 4X Indicator is a rugged, watertight weighing instrument for use in corrosive and harsh environments.

Rough environments do not affect the WI-125 NEMA 4X. Use the WI-125 indoors as well as outdoors on the loading dock. The backlighting and the eight .6-inch high LCD digits make it easy to read even in low light locations. The enclosure will protect against rain and snow or washdown situations. Surface-mount components provide stability to circuitry resulting in an indicator that will stay functional when bumped around.



The BP-25R attaches to the column of this bench scale cart to form a totally portable weighing system.

You can train operators in minutes using the six simple keys on the front panel. All six function keys are clearly marked for identification. Arrow keys also make using your scale more efficient. Arrow keys let you enter tare values or look up saved entries. Calling up saved entries eliminates reweighing frequently used containers or pallets.

Standard RS-232 serial port interfaces with computers and printers. Customized print formatting enables your company name, message, location and other information to appear on the ticket.

RFI protection provides stable weight readings in environments with moderately high levels of RFI radiation.

A heavy-duty swivel stand, which holds the WI-125, mounts on table tops, walls, or bench scale carts.

The WI-125 Indicator is equipped to drive up to eight 350-ohm Weigh Bars or load cells.

Battery Pack Mobility

A portable BP-25R Battery Pack with built-in charger is just what you need when electricity is not accessible. The BP-25R is available with the WI-825 DC Parts Counter and the entire WI-125 Indicator Series. The battery is housed in a stainless steel, water resistant enclosure and has a mounting flange. The BP-25R provides 85 hours of operation for a single weight sensor and 45 hours of operation for a four weight sensor platform. A full recharge takes 10-14 hours.



WI-825 Parts Counter mounted on bench scale.

WI-825 Parts Counter Indicator

The time has come when you no longer need two separate indicators to weigh and count parts. The WI-825 Parts Counter Indicator not only weighs parts, it counts them as well.

Use sample sizes from 1 to 1000 pieces and three methods of sampling: dribble, bulk or reverse counting.

Convenient arrow keys let you enter piece weights, tare weights and ID numbers for instant recall later.

Connect printers to the RS-232 serial port for hard copy record keeping. Customizing your printouts is done directly from the indicator front panel.

The WI-825 Indicator comes in a Lexan® case with an adjustable swivel mounting stand or a metal case with stationary stand.

Specifications

Power:

Metal case

Standard - Wall-mount transformer,

12 to 20 volts @ 133 mA, 60 Hz

Optional - AC Version,

115/230 volts AC @ 13 mA, 50-60 Hz single phase

NEMA 4X

115 volts AC @ 50 mA / 230 volts AC @

25 mA, 50-60 Hz single phase

Optional 12 VDC

Weigh Bar drive capacity:

Up to eight 350-ohm Weigh Bars

Keypad:

Six function keys and operational mode annunciators

Display:

8 digits, 7-segment LCD, 0.6 inch high with annunciators and backlighting (Not available in Super-Saver model.)

Display rate:

One, two or five times per second

A to D conversion rate: 30 times per second

Capacity:

0.1 to 999999, programmable to any number between these limits.

Divisions:

.0001 to 20000, programmable to any division size between these limits.

Motion detection window:

Programmable from 0 to 999999 divisions

Decimal entries are accepted.

Internal resolution:

810,000 at 3 mV/V. 1 mV/V = 270,000 counts

Display averaging: 1 to 10 display periods

Accuracy :

Span: ± 5.0 ppm/C Zero: ± 0.066 uV/C (-10 to 40°C)

Span: ± 10 ppm/C Zero: ± 0.13 uV/C (-30 to 60°C)

Environment:

-10 to 40°C (14 to 104°F)

10 to 90% relative humidity

Dimensions:

Metal case

3.5"H x 7.5"W x 6"D

(8.89 cm H x 19.1 cm W x 15.2 cm D)

NEMA 4X case without mounting bracket

9.37" W x 6.75" H x 3.75" D

(23.8 cm x 17.1 cm x 9.5 cm)

Agencies:

(WI-125) NIST Certificate of Conformance #92-167.A3,

Class III/IIIL 10,000 divisions

(WI-125) Consumer and Corporate Affairs Canada

#AM-4868 Rev 1

FCC Class A

Warranty: 2 years

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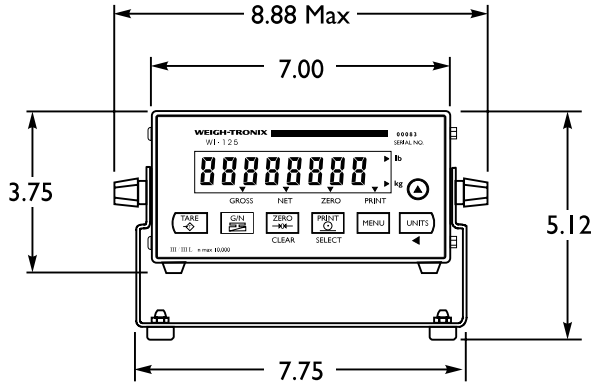
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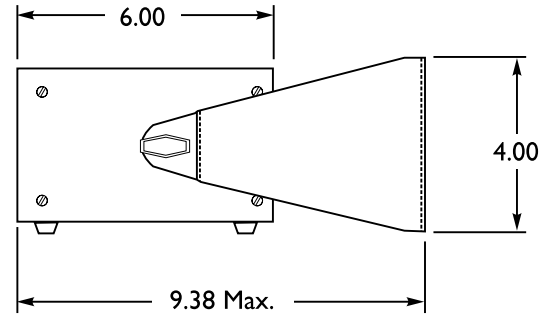
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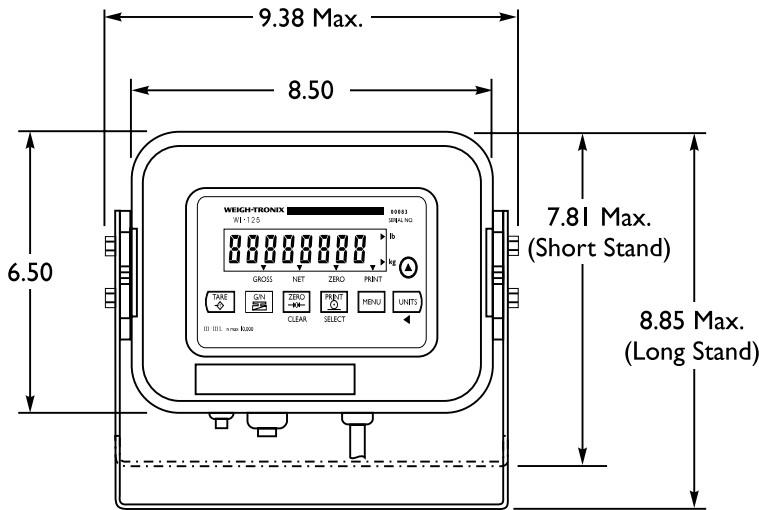
WI-125 / WI-825 Indicator, BP-25R Outline Dimensions (inches)



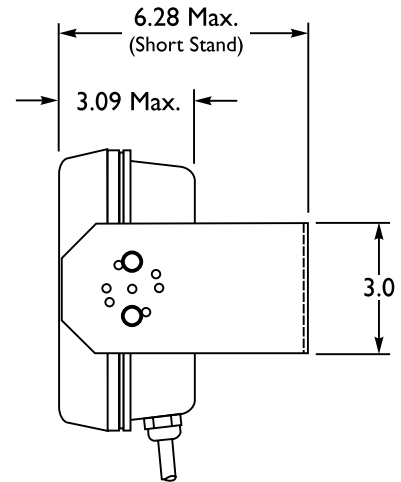
**Metal Encl., Front View
Desk Top Bracket**



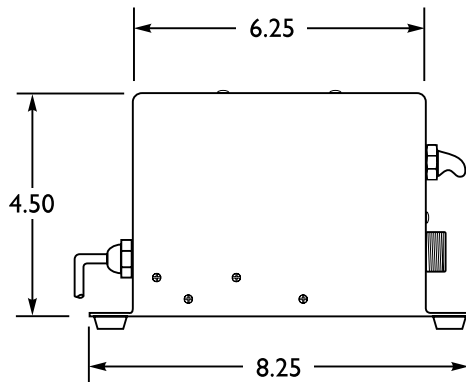
**Metal Encl., Side View
Wall Mount Bracket**



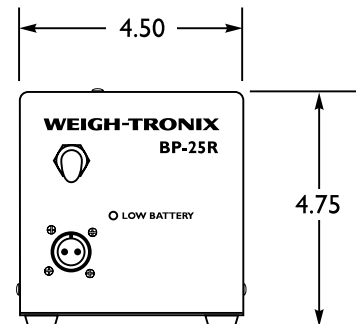
**NEMA Encl., Front View
Desk Top Bracket**



**NEMA Encl., Side View
Wall Mount Bracket**

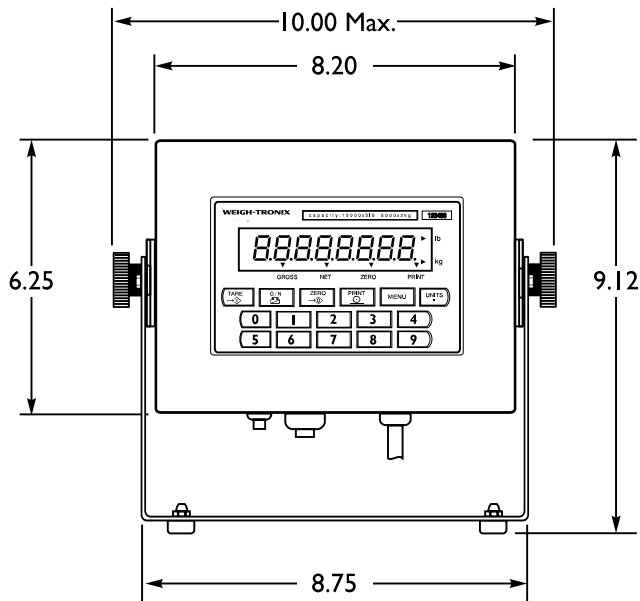


BP-25R Side View

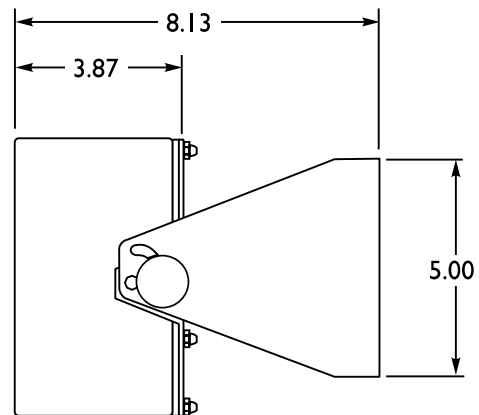


BP-25R Front View

WI-125SST Indicator Outline Dimensions (inches)



**Stainless Steel Encl., Front View
Desk Top Bracket**



**Stainless Steel Encl., Side View
Wall Mount Bracket**

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