



## T-SERIES

WEIGHT INDICATORS

**CUTTING-EDGE TECHNOLOGY**

Over 95 years of combined manufacturing experience

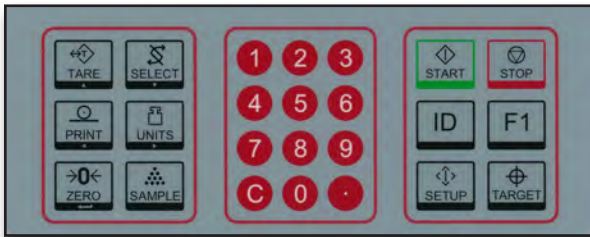
# T-SERIES INDICATORS

T-Series weight indicators are designed for industrial applications that require advanced weighing routines and high connectivity. The T-Series encompasses the T401S, T403S, T405S, and T419S indicators.

With a dot-matrix graphical display and keypad, the T-Series has a sleek design and user-friendly features to produce the perfect platform to build a custom solution tailored to your company and weighing needs. These programmable indicators are highly adaptable and can be precisely configured and programmed to meet the needs of your operation.

The T-Series is ideal for advanced weighing applications that require a rugged and versatile indicator with programmable performance and an affordable price point.

## FUNCTIONAL DESIGN



### Keypad

The T-Series T401S features six operational keys, including Zero Print, Units, Tare, Select, and F1. Built-in operational routines or applications can be configured at the time of installation, tailored to your requirements.

The addition of a more comprehensive 24-key, alpha-numeric keypad allows the T403S and T405S users to store multiple tares and alpha-numeric IDs in the internal memory for easy retrieval and for simple entry of values. Both models also support the addition of a USB keyboard. The T419s has a 29-key, alpha-numeric, chemical resistant keypad with metal domed tactical feedback and audio confirmation when pressed.

### Dot-Matrix Graphical Display

High contrast, nine segment IBN display technology provides excellent color contrast and enhanced viewing angles. To the right of the screen is a dot-matrix Graphic Array area, which can be used to display a combination of weight data, text, and graphics.



The dot-matrix area can be pre-programmed to display Human Machine Interface (HMI) messages or prompts for the scale operator in a range of languages.



### Enclosures

The T401S indicator is IP66K certified, while the T403S, T405S, and T419S carry an IP69K rating. All enclosures have 304-brushed stainless steel for the utmost protection. Designed for long service in extreme conditions, including corrosive environments and frequent, heavy washdown, they are available in desk, wall, or column mount versions.

### IP69K Certification and Gore Vent

The laboratory-certified, IP69K stainless steel enclosure on the T403S, T405S and the T419S offers complete resistance to dust and water ingress. This offers users reassurance that the product is suitable for use in high pressure, heavy washdown, and dust-prone applications.

In food applications, extremes of temperature inside and outside the enclosure can lead to moisture and humidity becoming trapped. The B-TEK Scales IP69K-certified indicators are fitted with GORE® Vent technology: a membrane that allows the indicator to breathe while guaranteeing no down time due to water ingress.





### Exceptional flexibility

At their simplest, the T403S and the T405S are compatible with a wide range of weighing platforms: bench and floor scales, truck scales, scales for batching, counting, and checkweighing. With the addition of the T419S, the larger display and highly programmable multi-functionality allows the indicator to have the flexibility to adapt to the most demanding applications.

The T-Series has also been designed to provide a fully-configurable solution. The sleek design and user-friendly features provide an ideal platform to build a solution that has been specifically tailored to your company—with no need to compromise.

### Versatile Connectivity

The T-Series offers multi-connectivity, ensuring compatibility and communication between old and new peripheral technologies.

Two Ethernet sockets, DHCP and FTP file transfers, are included as standard. RS-232 serial interface ports provide data transfer to older equipment, and a USB host port facilitates communication with a printer or keyboard and data transfer via a USB storage device.

Analog output, USB device, Current Loop, RS-485/RS-422, and Ethernet wireless options are also available, which allows you to use the same user-friendly interface for numerous applications with a range of connectivity options to suit your business requirements.



### T401S

#### Programmable Selections:

Zero Range, Motion Detection, Automatic Zero Tracking, Five-Point Linearization

- 2 Serial Ports

**Operational Keys:** Zero, Print, Units, Tare, Select, F1

**Display:** TN Backlit, seven-digit, seven segment display with 0.5" height



### T403S

#### Programmable Selections:

Same as T401S

- 2 Serial Ports with full duplex

**Operational Keys:** Same as T401S plus Sample, Target, ID, Start, Stop, Full Numeric, Clear, Setup

**Display:** IBN Illuminated, seven digit, nine segment display, green characters with black background 0.8" height digits for indoor/outdoor use, annunciators for status and mode identification, Sortbar/Checkweigher segments

**USB Host:** Printer, connect USB flash memory, remote USB keyboard



### T405S

#### Programmable Selections:

Same as T403S plus Eight-Point Linearization

- 2 Serial Ports with full duplex

**Operational Keys:** Same as T403S plus alpha-numeric, common symbols

**Display:** Same as T403S plus Graphic Array used for annunciators for status and mode identification, HMI

**USB Host:** Printer, connect USB flash memory, remote USB keyboard



### T419S

#### Programmable Selections:

Same as T405S

- 3 Serial Ports with full duplex

**Operational Keys:** Same as T405S plus 5 function keys (F1-F5)

**Display:** Improved Super Twisted Nematic graphic display, HMI, Reverse image display

**USB Host:** Printer, connect USB flash memory, remote USB keyboard



**UNMATCHED EXCELLENCE.** B-TEK manufactures a full line of the longest lasting truck scales, rail scales, and floor scales on the market. B-TEK also manufactures industry-leading industrial scales and weighing equipment for any application. Due to B-TEK's wide range of options and materials, we are a leading provider of high quality industrial scales.

**EXPERIENCE.** B-TEK has a proud history that reaches back further than its 1994 inception. With multi-generational trade experience, the B-TEK team brings over 75 years of industry know-how to the table. This long-term knowledge of the weighing industry enables B-TEK Scales to focus on innovation and developing high quality solutions for our customers.

**TECHNOLOGY.** In 2003, B-TEK announced a joint venture with the Bilancial Group of Modena, Italy, the largest truck scale manufacturer in the world. The Bilancial Group's advanced manufacturing techniques, combined with B-TEK's outstanding product lines, provides customers with the highest quality and longest lasting scales in the world.

**EXTENSIVE PRODUCT LINE.** B-TEK offers an extensive line of truck scales spanning across all industry applications and sizes. As a comprehensive scale manufacturing company, B-TEK designs and builds solutions for a wide range of industries such as agricultural, logistics, industrial, steel, coal, waste, recycling, and aggregate. B-TEK has the ability to manufacture standard and custom scales in full electronic digital, analog, and electro-mechanical configurations.

**CUSTOMIZATION.** B-TEK is proud to be known for its ability to manufacture high quality, custom scale platforms. From nonstandard sizes to retrofitted components, B-TEK's commitment to quality and service will deliver a product that fits seamless within our customers' current configurations.

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