

SPECIFICATIONS

TS-101



Transducer simulator with great stability and high resolution!

- ✓ High impact case for Field use.
- ✓ Simple operation
- ✓ Reliable & Durable
- ✓ Digital Excitation voltmeter
- ✓ Designed for high accuracy
- ✓ Selectable load cell input

 **Totalcomp**

Scales & Components

the weigh you want... *today!*

99 Reagent Lane * Fair Lawn, New Jersey 07410
Fax: 201-797-2287 * Toll Free Fax: 888-797-2288 * Phone: 201-797-2718 * Toll Free Phone: 800-631-0347
Email: sales@totalcomp.com * Website: www.totalcomp.com

SPECIFICATIONS

TS-101

A completely passive device containing full 350 ohm bridge, the TS-101 transducer simulator is a lab quality simulator used as a substitute for strain-gage transducers to generate the precise mv/v signal required in development, checkout and calibration of signal conditioners and digital readouts. TS-101 features Zero to Full scale capacity range by using an 11 step knob with 10% increments, between steps this unit also allows you to fine tune your exact value by using the Zero potentiometer ideal for multi step calibration and dead load adjustment. TS-101 also allows you to pick your load cell output by selecting three of the most popular outputs 1.75, 2.00 and 3.00 mv/v. With the built in digital excitation voltmeter you will know the exact input voltage. This feature allows you to use one voltmeter on the job to read your millivolt output, at the same time you can see your input voltage on the simulator.

Performance

Output accuracy

Nominal step value $\pm 0.1\%$

Ranges

11 position knob with 10% increments

10 turn Zero potentiometer for corrections and deadload

Three position output selector knob

Environmental

Balance

Basic bridge resistors matched ± 2 ppm/ $^{\circ}\text{C}$

Temperature Range

(-)40 $^{\circ}\text{C}$ to (+)50 $^{\circ}\text{C}$

Physical

Dimensions

7 3/8" long x 4 7/8" wide x 3 1/16" high

Weight

1.5 lbs

Connectors (input/output) binding post

(+) excitation = Red

(-) excitation = Black

(+) signal = Green

(-) signal = White

TOTALCOMP LIMITED WARRANTY

Totalcomp warrants this product to be free of defects in material and/or workmanship and suitable for the purpose(s) intended as outlined on this sheet. This warranty is effective and shall cover the purchaser for one year from the date of shipment from our plant. For warranty services, please obtain a return authorization number from us and return the item, shipping prepaid, with a written description of the problem. We will respond promptly with the results of our evaluation.



Scales & Components

the weigh you want... *today!*

99 Reagent Lane * Fair Lawn, New Jersey 07410

Fax: 201-797-2287 * Toll Free Fax: 888-797-2288 * Phone: 201-797-2718 * Toll Free Phone: 800-631-0347

Email: sales@totalcomp.com * Website: www.totalcomp.com