

# TS-10-2 TRANSDUCER SIMULATOR

## FEATURES

- High Accuracy Calibration Standard
- Output stability of less than 0.00010 mV/V over 1 year
- Low Temperature Coefficient
- 21 Output Steps

## Description:

The Model TS-10-2 transducer simulator reference standard provides metrology grade strain gage bridge simulation. The bridge simulator provides calibrated inputs to a load cell read out instrument for the purpose of calibrating or verifying the calibration of that instrument.



## SPECIFICATIONS

Model	TS-10-2
<b>PARAMETERS</b>	
<b>PERFORMANCE</b>	
Output Settings, +/- mV/V	0.1, 0.5, 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5
Excitation Voltage	10 VDC, Recommended
Input Voltage	20 V Max
I/O Resistance Ohms	350 +/-0.005% at Zero Settings >348 at All Output Settings
Output at Zero Setting	<0.5 $\mu$ V
Error in Nominal Output Values	<0.015%
Error in Calibrated Value of Output Settings	<15 ppm /yr. typ
Temperature Coefficient of Output	<5 ppm/ degree C
Measurement Uncertainty of Charted Values	0.005% from 0.5 - 4.5 mV/V
	0.0125% for 0.1 mV/V nominal setting