

AS600 Bridge Transducer Simulator

**Provides Accurate Simulation of Bridge Transducers
and simplifies calibration of Digital Indicators.**

The AS600 Transducer Simulator is designed for calibration of the DFI-01 High Accuracy Digital Indicator but also provides a convenient solution to the problems of commissioning, calibration and fault isolation in strain gauge bridge transducer systems.

The AS600 simulates any type of strain gauge bridge transducer including:

- Load Cells
- Pressure Transducers
- Extensometers



The dual attenuator network gives a symmetrical output simulating a full active strain gauge bridge. It is mounted in a die-cast box providing durability in either laboratory or field environments.

Features Include:

- Precision wirewound resistor construction.
- Full accuracy for all bridge resistances.
- Small rugged and convenient.
- Optional UKAS/NAMAS calibration.

Applications:

- System Commissioning.....Simulate Loadcell(s).
- Fault Finding.....Isolate mechanics and electronics.
- Calibration.....Of Amplifiers and Indicators.

Specifications:

Bridge Resistances	Switched: 120, 240, 350, 700, 1000 Ohms
Outputs	Switched: 0.0, 0.2, 0.4, 0.6, 0.8, 1.0, 2.0, 3.0, 3.5, 4.0, 4.5 mV/V
Polarity	Switched: Negative/Zero/Positive
Output Accuracy	+/- 0.0001 mV/V +/- 0.01% of reading
Stability	Better than 35 ppm/year
Max. Excitation	20 Volts AC or DC
Connections	Manual Screw Terminals
Size	115 x 90 x 75 mm
Weight	350 gm