



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

The AS600 Transducer Simulator is designed for calibration of the DFI-02 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 out, simulating a full active strain gauge bridge. It's mounted in a die cast box, providing durability in both field or laboratory environments

Specifications:

Bridge Resistances Switched: 120,240,350,700 and 1000 Ohms

Outputs	Switched: 0.0,0.2,0.4,0.6,0.8,1.0,2.0,3.0,3.5,4.0 & 4.5mV/V
Polarity	Switched: negative / Zero/ Positive
Output Accuracy	±0.02% of reading ** see note below
Stability	Better than 35ppm/year
Max. Excitation	20 volts AC or DC
Connections	Manual screw terminals
Size	115 x 90 x 75mm
Weight	350 grams

Features Include;

- Precision wire wound resistor construction
- Full accuracy for all bridge resistances
- Small, rugged and convenient use both in and away from the lab.
- Optional UKAS calibration available on request
- Optional additional connectors to suit specific needs

Applications;

- System Commissioning... Simulate load cell(s)
- Fault Diagnostics.....Isolate mechanics and electronics
- Calibration.....Of amplifiers and indicators

**** Typically these units will stay within ±0.02% per year although worst case shift in first year may be ±0.03%, therefore we recommend referring to the previous calibration to assess ongoing variance ****