



VDAS® DPI

## DIGITAL PRESSURE DISPLAY

For accurate digital display of pressure on a variety of TecQuipment experiments.

- Digital pressure display for use with a variety of TecQuipment experiments
- Clear, accurate measurement and display of pressure
- Includes four electronic pressure transducers
- Frame mounting – fits on the instrumentation frames of TecQuipment equipment
- Quick, easy and safe connection
- Includes output for connection to TecQuipment's Versatile Data Acquisition System (VDAS®)
- Robust construction

### DESCRIPTION

Digital pressure display module to provide clear, accurate pressure measurement when used with a variety of TecQuipment experiments. It also includes an output for connection to TecQuipment's Versatile Data Acquisition System (VDAS® available separately).

The equipment consists of four pressure transducers mounted in a robust panel. The panel mounts on the instrumentation frames of relevant TecQuipment experiments. The transducers are differently rated to show inlet, delivery and Venturi (differential) pressure. A four-line LCD display provides a direct read-out in bar. The panel also includes a button to zero all the display readings.

Each gauge quickly and conveniently connects to pressure outlets. Bleed ports are provided to allow for easy removal of unwanted air.

### STANDARD FEATURES

- Supplied with comprehensive user guide
- Five-year warranty
- Made in accordance with the latest European Union directives
- ISO9001 certified manufacturer

### ESSENTIAL SERVICES

#### ELECTRICAL SUPPLY:

100 to 240 V, 50/60 Hz, single-phase electrical supply



### OPERATING CONDITIONS

#### OPERATING ENVIRONMENT:

Laboratory

#### STORAGE TEMPERATURE RANGE:

-25°C to +55°C (when packed for transport)

#### OPERATING TEMPERATURE RANGE:

+5°C to +40°C

#### OPERATING RELATIVE HUMIDITY RANGE:

30% to 95% (non-condensing)

### SPECIFICATION

TecQuipment is committed to a programme of continuous improvement; hence we reserve the right to alter the design and product specification without prior notice.

#### DIMENSIONS:

Nett: 190 mm x 450 mm x 130 mm; packed: 0.06 m<sup>3</sup>

#### WEIGHT:

Nett: 6 kg; packed: 12 kg

#### GAUGE INPUT RATINGS:

- 2 bar
- 2 bar
- 6 bar
- 2 bar differential

#### RESOLUTION:

0.01 bar

#### GAUGE CONNECTIONS:

6 mm quick connectors