

AVF1

Manual Volumetric Fuel Gauge

Convenient and accurate fuel gauge for use with TecEquipment engine test sets

- Volumetric fuel gauge for use with TecEquipment's Small Engine Test Set (TD200) and Regenerative Engine Test Set (TD300) and engines
- Convenient and accurate measurement of fuel consumption
- Easy to install and use
- Self-sealing couplings enable quick and efficient connection and disconnection of fuel lines with minimum loss or spillage of fuel



Description

An easy-to-use, accurate volumetric fuel gauge for use with TecEquipment's engine test sets and engines (TD200 and TD300 series).

The fuel gauge consists of a precision-calibrated two-bulb pipette and control valves. It mounts on the instrumentation frame of the test set and connects between the fuel tank and the engine under test. All connections are made using self-sealing couplings. The couplings ensure the fuel gauge can be connected and disconnected quickly and efficiently with minimum loss or spillage of fuel.

Fuel enters the pipette from the tank. The fuel supply from the tank is then cut off via a valve so that the engine draws fuel from the pipette only. Students record the time taken to consume a set volume of fuel, from which they can accurately calculate the flow rate.

Suitable for use with petrol or diesel.

Standard Features

- Supplied with comprehensive user guide
- Two-year warranty
- Made in accordance with the latest European Union directives

Essential Ancillary

- Stopwatch (SW1)

Operating Conditions

Operating environment:

Well ventilated laboratory environment

Storage temperature range:

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

Operating temperature range:

+5°C to +40°C

Operating relative humidity range:

80% at temperatures < 31°C decreasing linearly to 50% at 40°C

Specification

Dimensions:

- Width 180 mm x depth 125 mm x height 450 mm
- Packed (total) 0.02 m³

Weight:

Packed 5 kg

Pipette volumes:

8 ml and 16 ml

- TecEquipment Ltd, Bonsall Street, Long Eaton, Nottingham NG10 2AN, UK
- **T** +44 115 972 2611 • **F** +44 115 973 1520 • **E** info@tecquipment.com • **W** www.tecquipment.com
- An ISO 9001 certified company