Product Sheet





Submersible Load Transducer Assembly 10kN Capacity In Compression.

Code: 27-1575 Product Group: Load Measurement, Load Measurement

- •Eliminates effects of piston friction on readings
- •Unaffected by cell confining pressures
- •Easily installed in triaxial cell
- •Supplied complete with calibration certificate and 5-pin DIN type connector for use with GDU

Submersible Load Transducers are used to measure accurately the axial loads applied to triaxial test specimens. Consisting of a load cell and piston assembly these units replace the standard triaxial cell loading piston. A major advantage is that these transducers measure loads directly on top of the specimen. All transducers are supplied complete with a 5-pin DIN type connector and calibration certificate.

Specification

Dimensions

Overload capacity Output Excitation Non-linearity Hysteresis Deflection

Side force

Connector Compensated temperature range Weight g 76 x 50 mm (dia x h) excluding piston and adaptor 150% 27 mv full range 11 V DC (15 V DC max) 0.1% maximum 0.1% maximum 0.05 mm at full load 50% full scale maximum without effect 5-pin DIN plug 1 to 50°C

850

Accessories



Distance Piece Stainless Steel for Use with Submerisble Load Cells and Axial Strain Transducers.

Code: 27-1293



Product Sheet





Submersible Load Transducer Assembly 5kN Capacity In Compression.

Code: 27-1573

Alternatives



Distance Piece Stainless Steel for Use with Submerisble Load Cells and Axial Strain Transducers.

Code: 27-1293



Submersible Load Transducer Assembly 5kN Capacity In Compression.

Code: 27-1573

