

Model 4830 Push-In Pressure Cell

The Model 4830 Push-In Pressure Cell is designed to be pushed in place for the measurement of total pressures in soils and earth fills. Where effective stress is required, the cell is fitted with an integral piezometer. A thread is provided on the end of the cell to allow for installation using lengths of pipe or drill rods.*

Specifications

Standard Ranges	70, 170, 350, 700 kPa; 1, 2, 3, 5 MPa
Over Range	150% F.S. (maximum)
Resolution	0.025% F.S.
Accuracy	±0.1% F.S.
Temperature Range	-20°C to +80°C
Length × Diameter ¹	600 × 50 mm

¹Other sizes available on request.

*Models are also available (3500 Series) with semiconductor pressure transducers to enable measurement of dynamic pressures (please contact Geokon for details).