



Retrievable packer
with manometer



PRESSURE MONITORING
QUICK & EASY INSTALLATION
RETRIEVABLE EXTERNAL PIEZOMETER

The MOD-2A system is used to measure the pore water pressure at the rock/concrete interface during construction or rehabilitation of underground structures.

Description

The **MOD-2A** system is used to measure the pore water pressure at the rock/concrete interface in tunnels, underground openings and basements.

The **MOD-2A** is suitable for short term monitoring of pressure during construction or rehabilitation of underground structures.

The **MOD-2A** system consists of a small mechanical (filter-end) packer, to be inserted in a 25 mm borehole, combined with an external vibrating wire pressure transducer (or manometer).

The main advantage with this type of instrumented packer is its ease of installation with simple hand tools; a standard concrete drill (borehole) and an adjustable open-end wrench for fixation.

After monitoring is complete, the external pressure transducer can be removed at anytime and the **MOD-2A** system may be completely removed and reinstalled to other locations.

Key Features

- Quick and easy installation
- Retrievable external piezometer
- Possible to measure flow by removing the piezometer

Applications

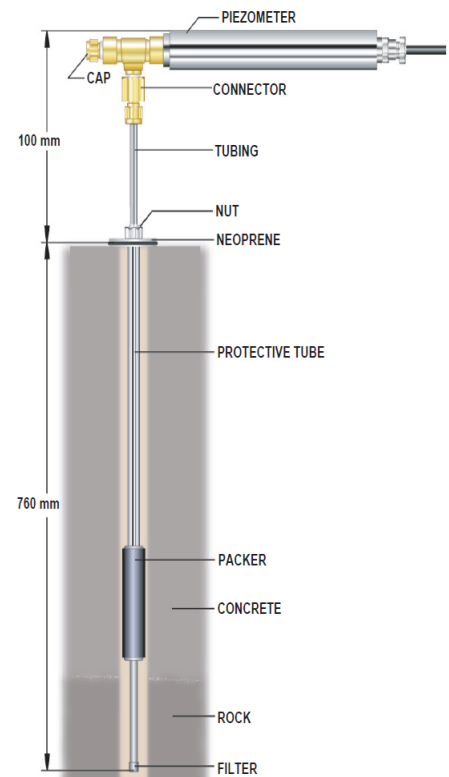
- Tunnels
- Underground openings
- Basements

Specifications

Borehole size	> 760 mm deep X 25 mm diameter
Packer	Filter-end mechanical packer
Piezometer	PWC (or optional manometer)
Piezometer Range	0.2, 0.5, 1 MPa (other range available)
Cable	IRC-41A
Tubing	Stainless Steel



**RETRIEVABLE PACKER
WITH MANOMETER**



**MOD-2A TYPICAL DIMENSIONS AND
INSTALLATION**

Ordering Information

Please specify:

- Borehole depth
- Piezometer range
- Cable length
- Tubing length