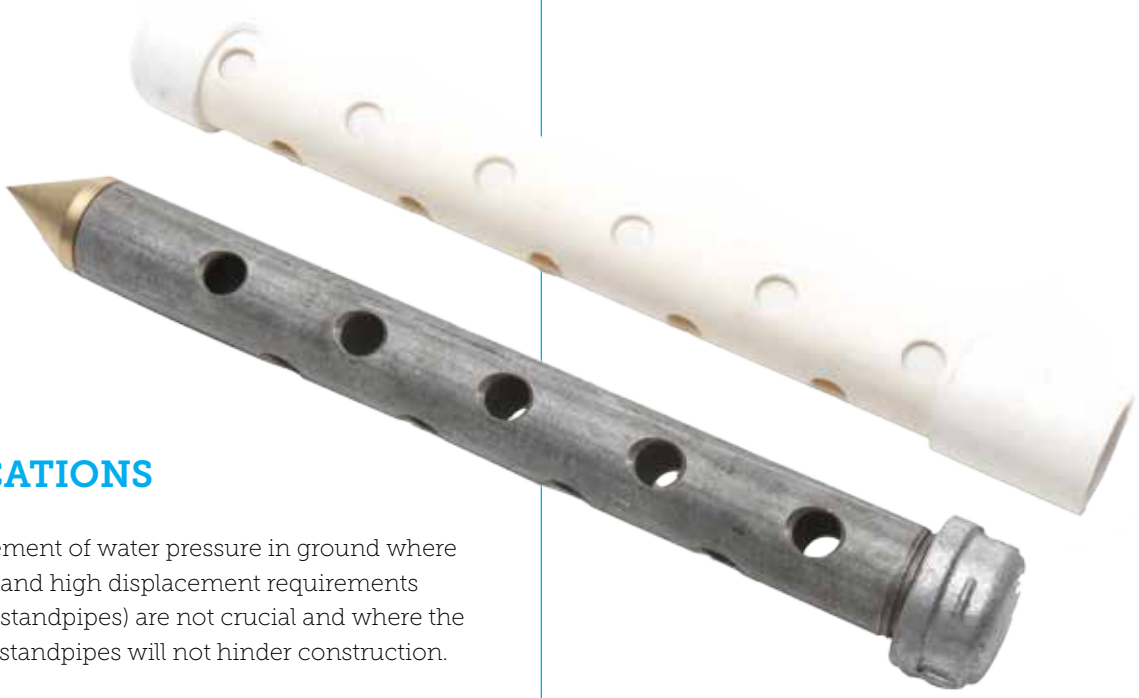
Standpipe Piezometer

Model 1000

The HMA Geotechnical Standpipe Piezometer is used to determine subterranean water levels. Standpipe Piezometers are constructed from PVC (for pre-drilled boreholes), or galvanized steel (with a push in tip) when the standpipe is to be directly pushed into position.



APPLICATIONS

For measurement of water pressure in ground where the time lag and high displacement requirements (inherent in standpipes) are not crucial and where the presence of standpipes will not hinder construction.

FEATURES

The Standpipe Piezometer has a protected filter element with uniform 70 µm porosity and a smooth filter element that resists clogging which may be cleaned by back flushing. This instrument has excellent chemical resistance and is available in drive-in models. The large number of uniform pores allow high permeability in a short length. In order to obtain the same open area as a 300 mm length of plastic filter material, one would require 7 m of standard 25 mm slotted pipe.

ANCILLARY EQUIPMENT

- Bentonite Pellets (Model 1100-14)
- Dipmeter (Model 8060)
- Water Whistle (Model 8040)

SPECIFICATIONS

Body Material	PVC/Galvanized Steel Pipe
Filter Area	245 cm2
Pore Diameter	70 µm
Permability	3x10-4 m/s (low air entry)
Dimensions	Ø33.3 mm x 354 mm L (PVC) Ø33.8 mm x 350 mm L (Galvanised Steel)

Note: HMA Geotechnical is continually improving its products and processes, information contained within this brochure is subject to change without notice

GEO-DS-0001. FEB 2017