HMA Geotechnical Systems Australia

Pneumatic Piezometer Readout

MODEL 9115

The Geotechnical Systems Australia Pty Ltd Pneumatic Piezometer Readout is used to operate and read, via a quick connect tubing system, pneumatic piezometers and therefore determine groundwater pressure.

APPLICATIONS

- Monitor all pneumatic transducers.
- Bubbler readout for monitoring standpipe piezometers.

FEATURES

- Sealed durable weatherproof case.
- Automatically switches off when instrument is not in use.
- The Standard automatic flow controller ensures accurate, repeatable readings, independent of operator error. As the correct flow rate is critical, the controller regulates the flow regardless of back pressure or tubing length.
- Simple one switch operation.
- Low operating rate of 35 cc/minute ensures the economical use of gas.
- Maximum pressure range to 2000 kPa standard.
- The internal pressure cylinder is refilled without needing to be removed from the case. An additional regulator is not required to fill the internal cylinder.
- Dual pressure standard.
- Contains internal relief valves, which protect the pressure sensitive parts from over pressurisation.
- The instrument is supplied with: a filler hose (with appropriate gas refilling fittings) and a 12 Volt battery charger.

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SPECIFICATION	Pneumatic Piezometer Readout	Model 9115
Display		$3^1/_2$ Digit LCD x 12.7mm High
Accuracy		±0.1% F.S.
Resolution		0.05% F.S. (1kPa)
Standard Range		2000 kPa
Temperature Effects		0.02% Reading/Deg C From 0-50 Deg C
Standard Operating Temperature		0-50 Deg C
Zero Adjustment		Trim potentiometer on front panel
Lead Acid Battery		Sealed 12 Volt x 1.2Amp hour rechargeable
Battery Life		In excess of 200 hours at 20 Deg C
Dimensions		45 cm x 30 cm x 18.5 cm
Weight		10 kg
Cylinder		1.38 litres at maximum of 12400 kPa
Overpressure		3500 kPa maximum
Automatic Flow Controller		Standard

AUXILIARY EQUIPMENT

The Geotechnical Systems' Pneumatic Readout Instrument is ideally suited to reading the exerted hydraulic pressure on Geotechnical Systems Pneumatic Piezometers (MODEL 1100) and within Standpipe Piezometers (MODEL 1000). In cases where multiple Pneumatic Piezometers are to be read a Piezometer junction Terminal Box (MODEL 1100-12) is recommended, to be used with the Readout Instrument, allowing up to 30 Pneumatic Piezometers to be read at one location.

ORDERING INFORMATION

When ordering, please also specify

- Model Number and Quantity

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