



Pneumatic Piezometer Readout Model 1151-GS-PR02

FEATURES

- **Digital pressure indicator**
- **Auxiliary analogue pressure gauge**
- **Nil flow or low flow reading system**
- **Rugged packaging for field use**
- **Completely self contained**
- **Easy to operate**

General

The Model PR02 is a self contained, portable field readout unit designed for the reading of pneumatic piezometers and pressure transducers in geotechnical monitoring projects.

The readout has been designed for use with Geosystems pneumatic piezometers, but can be used with most other twin tube, normally closed transducers. The readout has been built for reliable operation in the field, and can be operated as a Nil Flow or Low Flow measurement system.



Description

The readout is supplied with an LCD digital pressure indicator fitted with zero control and a long life, rechargeable battery.

A large diameter analogue gauge (600kPa) is also fitted to the readout as a back-up for the digital gauge, and to provide an easily read indication of the pressure, as well as the rate of pressure change during the reading process.

A high flow bypass control is fitted to minimise reading time. The PRO2 readout is fitted with a high pressure supply gas tank of 2 litre capacity, supply pressure gauge and facilities to refill the tank without removing it from the readout.

All controls are clearly identified on the front panel for ease of operation, and the readout is packaged in a heavy duty, watertight plastic carry case.

Specifications

General	
Case Dimensions	460 x 330 x 180mm
Weight	13kg
Operating Temp	0 – 50°C

Gas Supply Tank	
Tank capacity	2 Litre
Maximum pressure	13 MPa
Gas type	Nitrogen (dry)

Digital Pressure Indicator	
Display	Liquid crystal type (LCD)
Standard range	0-600 kPa
Accuracy	0.25% FS
Resolution	1 kPa
Zero Adjust	Front panel control
Battery Type	12 volt, gel-cell type 1.2 AH, rechargeable
Battery Life	100 hours (normal operation)

Accessories

- Supply tank refill hose
- Dust caps for connectors
- Battery charger (240 VAC)

Due to on-going design improvements and reviews, we reserve the right to amend product and specifications without prior notice



FOR FURTHER INFORMATION

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