

## Description

VW Piezometer type pore pressure meter is designed to test the pore water pressure and liquid pressure of vessel, pipe line, soft ground or embankment foundation, embankment and inside the boring hole. High accurate NTC thermistor and arrestor were mounted in order for zero compensation by change of the Temp. and also high density epoxy resin and stainless steel special materials were adopted to allow semi-permanent measurement.

## Application

- \* Measurement of pore water pressure at soft ground field
- \* Water level measurement at river, reservoir and standpipe
- \* Research of stability of slope and ground
- \* Measurement of leakage and underground water flow of dam, embankment and lake.

## Feature

- \* High stability that can be worked under extreme conditions.
- \* Excellent reproducibility and responsibility which is free from the cable length and change of resistance
- \* Optimization by use and supersensitive design
- \* High accurate temp sensor and lightning protection device mounted.

## Specification

Model	<b>SJ - 4070</b>
Type	Drive point (Push in)
Capacity	2-70kg/cm <sup>2</sup>
Max. Pressure	150 % FSR
Resolution	0.025% FSR
Accuracy	+/-0.1% FSR
Non-linearity	+/-0.5% FSR
Operatrion Temp.	-20 °C ~ 50 °C
Temp sensor	NTC Thermistor (3KD-ATF)
Temp sensor operation range	Thermistor: -40 °C ~ 80 °C
Temp sensor accuracy	Thermistor : ±1°C
Filter	Stainless sintered filter 70µm
Lightening Protection	Tube Gas Arrestor (Frequency output line)
Main material	Stainless special steel, High density epoxy potting
Dimension	190mm X Ø34.9mm
Weight	0.9kg
Material	Special stainless steel , High density epoxy

