



Geotester 3.0

Technical Features



The Geotester is easy to use. A single unit for vibrating wire sensors, thermistors, potentiometers, electrical load cells, tools for 4-20 mA, mV and inclinometer sensors.

All types of reading on various instruments are executed with precision and resolution of high level. Geotester 3.0 is a handheld device.

The readout unit, thanks to the tutorial inserted in the firmware, for each type of instrument indicates the clamps and connectors needed.

Applications

Geotester 3.0 has application in reading sensors for construction and geotechnical engineering.

Related Instrumentations



- All geotechnical sensors



Technical Specifications

Function	Ingresso	Resolution
mV	± 5000 mV	0.01 mV
mV/V	± 2.0000 mV/V/FS	0.0001 mV/V
Potentiometer	0-100 % full scale	0.01 %
Vibrating Wire	500-6000 Hz	< 0.1 Hz
Thermistors	NTC -30/+70 °C	<0.2°

Excitation Signals

mV and 4-20 mA	+15 Vdc
mV/V	2.0480 Vdc
Vibrating Wire	Universal, band selection, tracking option
Potentiometers	2.0480 Vdc

General Functions

Display	Back-lighted, graphic
Power Supply	9V alkaline Battery
Autonomy	> 4 hours
Box	ABS UL94-V0
Dimensions	185x110x35 mm
Weight	400 g battery included
Help	With indication of clamps/colours for each kind of sensor

Codes & Part Numbers

P/N 2018000 Geotester 3.0
 P/N 2018001 mV/V cable and clamps
 P/N 2018002 cable and clamps
 P/N 2018003 Box
 P/N 2018004 PT100 direct cable reading.(optional with firmware from 1.1)

