

SOIL TESTING INSTRUMENT

Digital Soil Water Potential Meter

Model: TRS-I / TRS-II

● Characteristics

- ▲ High accuracy and high resolution
- ▲ Easy to operate, portable, flexible, be able to purchase one set with multi-probes.
- ▲ Automatically get the peak data of water potential
- ▲ Time, peak data, automatic record function.
- ▲ Record temperature, water potential, time and stored No at the same time.
- ▲ Automatically turns off function



● Technical parameters

Max pressure: 100kpa
 Resolution: 0.01kpa
 Accuracy: $\pm 1\%$ F.S
 Temperature testing range: $-55\text{--}+150^{\circ}\text{C}$
 Temperature accuracy: $\pm 0.5^{\circ}\text{C}$
 Quantities of standard probe: 3

● Model difference

Model	Function difference
TRS-I	Test Soil water potential
TRS-II	Test both soil water potential index and soil temperature index

Soil Hardness Meter

Model: TYD-2

● Characteristics

- ▲ High accuracy and high resolution with large screen LCD display, with back-light function
- ▲ Battery capacity display: divide into 3, 2 and 1 grids. If battery capacity is too low, the meter will shut down automatically
- ▲ Gravity acceleration setting function
- ▲ Peak value maintaining function
- ▲ Large memory storage
- ▲ Auto-off time setting: with automatic off-time setting, 10min-90 min automatic shutdown can be set.
- ▲ High quality charging power supply

● Technical parameters

Maximum load: 100Kg (Kg and N can be switched automatically).
 Resolution: 0.1kg. Accuracy: $\pm 0.5\%$.
 Measuring depth: 0~400mm
 Stability: temperature drift: $0.2\mu\text{V}/^{\circ}\text{C}$ ($0\text{--}60^{\circ}\text{C}$); Null drift: $\leq 0.1\%/8\text{ h /FS}$
 Calibration range: full-scale calibration. Ambient temperature: $0\text{--}+60^{\circ}\text{C}$.
 Ambient humidity: $\leq 80\%$. Allowable overload: 150%.
 Power supply mode: 5 nickel cyanogens batteries /220V AC charge 4~6hours.

