

# Soil Water Hardness Meter

## TSHM-A1 Series



## Soil water Hardness meter TSHM-A10

Soil water hardness meter TSHM-A10 comes in handheld design is adopted with theoretical value pressure gauge kg/cm<sup>2</sup> to directly measure the soil hardness. Hardness meter used in soil property survey, for testing soil permeability and aeration. Provides accurate reliable results.

### Features

- » Analog display
- » Easy to clean probe
- » Durable pin pointer for measurement
- » Manual adjustment for zero value

### Application

Used for soil water hardness measurement of dry to normal & moist soil for quality analysis & testing purpose.

### Specifications

Model no.	TSHM-A10
Maximum load	100 kg ( kg and N can be switched automatically)
Resolution	0.01 kg
Accuracy	± 0.5 %
Measuring depth	0 to 40 mm
Hardness indication range	0 to 500 kg/ cm <sup>2</sup>
Environmental temperature	0 to 60 °C
Allowable overload	150 %
Power supply mode	5 Nickel Cyanogen
Gross weight	2 kg
Battery capacity	Continuous operated battery, 6 to 8 hrs
Power supply	Chargeable AC 100 to 240 voltage

## Soil water Hardness meter TSHM-A11

Soil water hardness tester TSHM-A11 is a handheld design, model with large backlight LCD display and high resolution to show inverted reverse function of numbers on screen. With high accuracy measurements it maintains the peak value display until manually zero value adjustment. It holds automatic peak function value on display for 2 seconds before automatic elimination.

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### Features

- » Large LCD display with backlight function
  - » Data output function
  - » Data transferrable to PC
  - » Large capacity memory storage
  - » Gravity acceleration setting function
  - » High quality charging power supply
  - » Full scale calibration
  - » Auto-off time setting 10 to 90 min automatic shutdown
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### Application

Used for soil water hardness measurement of dry to normal & moist soil for quality analysis & testing purpose.

Specifications

Model no.	TSHM-A11
Maximum load	100 kg ( kg and N can be switched automatically)
Resolution	0.01 kg
Accuracy	± 0.5 %
Measuring depth	0 to 450 mm
Environmental temperature	0 to 60 °C
Allowable overload	150 %
Memory storage	stores up to 896 groups of data
Power supply mode	5 Nickel Cyanogen
Gross weight	13 kg
Battery capacity	Continuous operated battery, 6 to 8 hours
Power supply	Chargeable AC 100 to 240 voltage