Soil nutrient tester LD-TSNA-A11

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Overview

Soil nutrient tester TSNA-A11 with microprocessor controlled technology measures nutrient values in % and gives accurate test results. The optical filter present in the nutrient analyzer acts as light source. It has attractive & durable, long lasting plate shell, large LCD display to easily view & study test parameters. With time display function, it can automatically record and save the time of sample tested.

Features:

- Large LCD display
- Playback function for convenient testing
- Built â€"in rechargeable battery
- Built-in thermal printer
- 1000 groups of data storage
- Microprocessor controlled technology

Applications:

It finds best application in quantitative analysis of to N, P, K, organic matter, pH, trace elements, salinity of soil, fertilizer & other samples.

Specifications:

pH mode	<div id="specification" class="tab-pane fade in active table-responsive"><table class="table table-striped"><tbody><tr>pH Measurement range
Accuracy	± 2 %
Dimension	340×280×100 mm
Stability	A (absorbency of light) <0.003 within 3 mins
Sensitivity	Red light: ? 4.5×10^{-5} , Blue light: ? 3.17×10^{-3}
pH Accuracy	± 0.1
Gross weight	18 kg
Power supply	AC 180 to 240 V, 50 Hz
Moisture unit	% (m^3 /m^3)
Salinity mode	<div id="specification" class="tab-pane fade in active table-responsive"><table class="table table-striped"><tbody><tr>Salinity range

Linearity error	<3.0 %
Measuring range	0.001 to 9999
Wavelength range	Red light: 680 ± 2 nm, Blue light: 420 ± 2 nm, Green light: 510 ± 2 nm
Salinity accuracy	± 5 %
Soil moisture mode	<div id="specification" class="tab-pane fade in active table-responsive"><table class="table table-striped"><tbody><tr>Moisture content rate testing range
Repeatability error	A (absorbency of light) <0.005
Moisture measure range	A: humidity 0 to 100 %, B: Accuracy: ±3 %
Measurement time (for soil N, P, K)	?30 min 5 pcs soil samples at one time ?50 min (including pretreatment time)