Plant Stem Strength Meter

Introduction:

It is a specialized instrument used in agricultural research and production for measuring the strength of plant stems. The strength of a plant's stem is a major factor determining the crop's ability to resist lodging.

Features:

✱ It can store 999 test values

✱ Large screen LCD display, with backlight function, and has a screen digital positive, reverse reverse function

✱ Automatic shutdown time setting

✱ Battery capacity display, power is too low automatic shutdown

Technical Parameters:

Model	PSM-1	PSM-2
Max Load	500N	50N
Load Accuracy	±0.5%	
Resolution	0.1N	0.01N
Support Span	Adjustable(Up to 30 cm)	
Unit	N, Kg and ib	
Battery Operating Time	4~6 hours	
Power Supply	Rechargeable lithium battery	
Packing Size(W*D*H)	550*350*200mm	
Gross Weight	20kg	

Soil Nutrient Tester

Features:

✱ Microcomputer control, digital circuit, programming design, LED display, AC and DC dual-purpose.

✱ Resolution: 0.001, touch button, built-in high-end thermal printer, print test results.

✱ Can detect fertilizers, organic fertilizers (including foliar fertilizers, water-soluble fertilizers, spray fertilizers, etc.), effective nitrogen, effective phosphorus, effective potassium, total nitrogen, total phosphorus, total potassium, organic matter, pH, calcium, magnesium, sulfur, iron, manganese, boron, zinc, copper, chlorine, silicon and other elements, as well as lead, chromium, cadmium, mercury, arsenic and other heavy metals.

✱ The light source is stable, reproducible and accurate.

✱ Water quality detection: pH, calcium, magnesium, sulfur, iron, manganese, boron, zinc, copper, chlorine, silicon, etc.

Technical Parameters:

Model	BK-Y6AGP
Range	0.001-9999
Repeatability Error	≤0.05% (0.001, potassium dichromate solution)
Stability	Drift less than 0.1% (0.001, transmittance measurement) within 30 minutes.
Linear Error	≤0.2% (0.002, copper sulfate detection)
Sensitivity	Red light≥ $4.5×10^{-5}$, Blue light≥ $3.17×10^{-3}$, Green light≥ $2.35×10^{-3}$, Orange light≥ $2.13×10^{-3}$
Wavelength Range	Red: 680±2nm; blue: 420±2nm; green: 510±2nm; Orange: 590±4nm
PH Value (PH)	Test range: 1~14; Accuracy: 0.01; Error: ±0.1(Extended)
Salt Content (Conductivity)	Test range: 0.01%~1.00%; Relative error: ±5% (Extended)
Soil Moisture	Moisture unit: % (g/100g); Moisture content test range: 0-100%; Error less than 0.5%
Test Speed	Test one soil sample (N, P, K)≤30 minutes (including pretreatment time); Simultaneously measure 8 soil samples≤1 hour (including pretreatment time)
Data Printing	Built in high-grade one button thermal printer
Power Supply	110~240V, 50/60Hz
Package Size(L*W*H)	550*370*250mm; 550*170*250mm
Gross Weight	6kg; 5kg