

Multi-parameter Soil Tester Series



Introduction

Adopting high-precision wireless sensor, uploading data remotely, no matter where you are, you can view the collected data through your computer (cell phone). With voice alarm function. With management cloud platform, networking online application, air temperature and humidity, light intensity, carbon dioxide, soil temperature, soil moisture and other sensors. With GPRS module.

Technical Parameter

Measurement indicators	Measureme nt	Resolution	Accuracy
Soil temperature	-40°C~85°C	0.1°C	±0.5°C
Soil moisture	0~100%	0.10%	±3%(0~50%)
Soil salinity	0-23mS/cm	0.01mS/cm	<2%FS
Soil oxygen	0-25%	0.01%	<2%FS
Soil pH	0~14	0.1	<0.2PH
Soil nitrogen, phosphorus and potassium	0~1999mg/ kg	1mg/kg	±2%FS
Air temperature	-40~120°C	0.1°C	±0.3°C (-40~90°C)
Air humidity	0%~100 %RH	0.1%RH	±3%RH(0~98 %RH)
Dewpointtemperature	-40~120°C	0.1°C	±0.4°C

Model Comparison

AST-PHW-4G	Temp (°C) 、 Moisture、 Salinity、 PH
AST-ECW-G	Temp (°C) 、 Moisture、 Salinity
AST-5X-G	Temp (°C) 、 Moisture、 Air-temp (°C) 、 Airhumidity、 Dewpoint (°C)
AST-2X-G	Temp (°C) 、 Moisture
AST-PH-1G	PH
AST-TRY	O ₂
AST-ECWY-6G	N、 P、 K、 Temp (°C) 、 Moisture、 Salinity
AST-PHWY-7G	N、 P、 K、 Temp (°C) 、 Moisture、 Salinity、 PH
AST-EC-I	Salinity
AST-1K	Moisture