



The Soil Temperature, Moisture, NPK Sensor integrates temperature, moisture and NPK measurements. Stainless steel probes are inserted into the soil surface or soil profile to quickly test soil temperature, moisture and NPK. The probe can be buried in the ground for long periods of time and connected to data collectors for continuous monitoring.

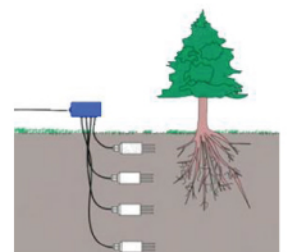
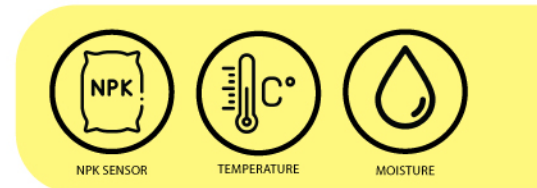


FEATURES

- High accuracy
- Connect directly to data collector or instrument
- Fully sealed structure
- Can be buried in the ground for measurement
- Low power design
- Easy Installation

SPECIFICATIONS

Item	Technical Specification		
	Temperature	Moisture	NPK
Range	-30℃~+70℃	0-100% (m³/m³)	0-1999mg/kg
Accuracy	±0.2℃	±2%(0-50%)	±3%F.S
Resolution	0.1℃	0.1%	1mg/kg (mg/l)
Output Signal	RS485 (MODBUS-RTU)		
Response Time	<1s		
Supply	Mark on the label		
Shell Material	ABS		
Dimensions	71*45*16mm (probe:3" Ø3*55mm)		
Operating Temperature	-30℃~+70℃		
Ingress Protection	IP68		
Storage	10-60℃@20%-90%RH		
Probe Material	316L stainless steel		



"Smart Farm"

