



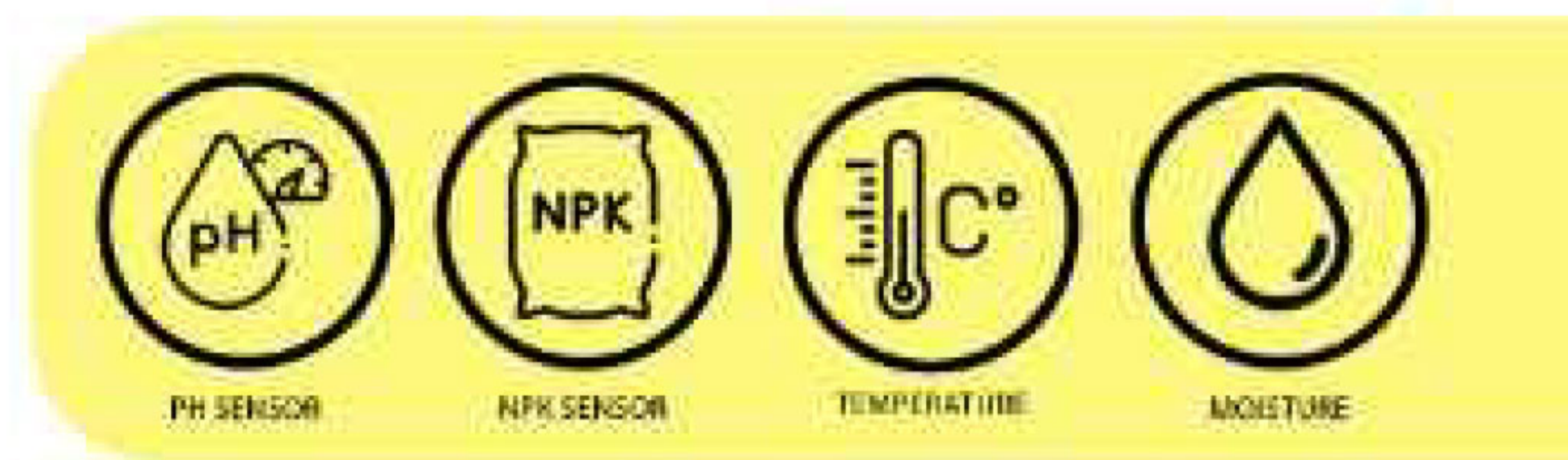
# CMF-N103

## Soil Temperature Moisture PH & NPK Sensor

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

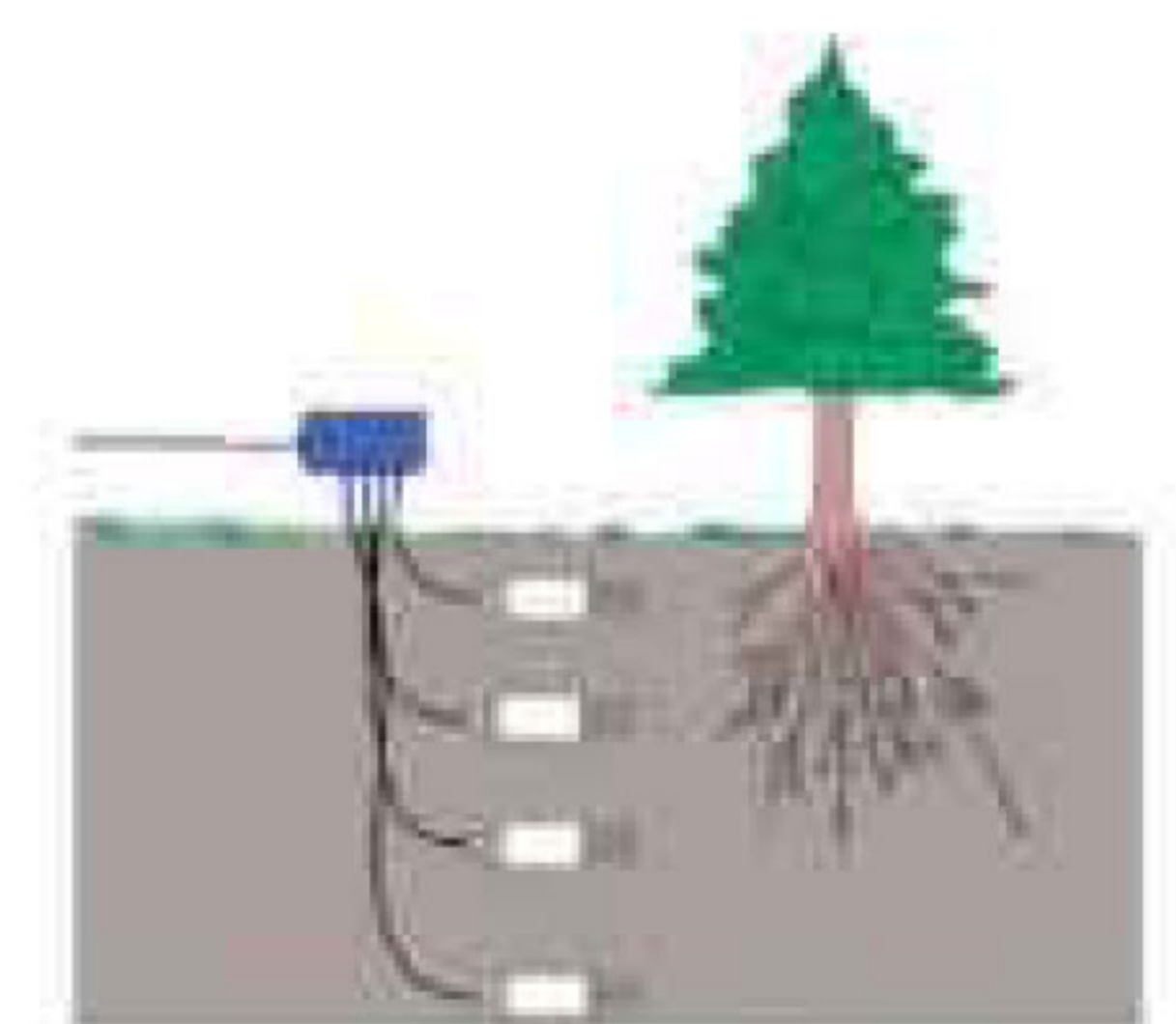
### FEATURES

- 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	pH	NPK
Range	-30℃~+70℃	0-100% (m <sup>3</sup> /m <sup>3</sup> )	3-10	0-1999mg/kg
Accuracy	±0.2℃	±2%(0-50%)	±1	±3%F.S
Resolution	0.1℃	0.1%	0.01	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:4* Ø3*55mm)			
Operating Temperature	-30℃~+70℃			
Ingress Protection	IP68			
Storage	10-60℃@20%-90%RH			
Probe Material	316L stainless steel			



“Smart Farm”

