

Mentor of watering plants!  
Master of caring plants!



## Multi-function Soil moisture meter



Comparision of each model

Model Name	Functions
HMM-100	Soil moisture meter/Thermometer
HMM-100 Pro	Soil moisture meter/Thermometer/EC meter
HMM-200	Soil moisture meter/Thermometer/pH meter
HMM-200 Pro	Soil moisture meter/Thermometer/pH meter/EC meter
HMM-300 Pro	Soil moisture/Thermo/EC/Hygro/Light meter
HMM-400 Pro	Soil moisture meter/Thermometer/pH/EC/Hygro/Light meter

- \*Precise response for normal soil moisture( 0~50%), Available soil moisture(0~100%)
- \*Temp. measurement(-40°C~100°C), Temp. compensation of soil moisture,pH,Humidity,EC.
- \*Precise humidity,Lux measurements. Soil moisture,pH,hygrometer calibration function.
- \*pH measurement(pH 0.0~pH 8.0), EC measurement(0~9.0mS/cm)

# 1. Features(HMM-100 Pro) Soil moisture meter/Thermo meter/EC meter

- Measure moisture of 6 categories such as soil I, Soil II, Soil III, Soil IV, peat moss, coco peat.
- Fast and precise response for soil moisture measurements of 0~50% with 0.1% resolution
- Soil moisture meter calibration function
- Replaceable soil moisture probe caused by wearing
- Using platinum sensor, Fast and precise measurements of -40°C~100°C and -40°F~212°F with 0.1°C resolution(Air/soil temp.)
- Fast response of soil EC measurement of 0.0 mS/cm~9.0 mS/cm
- Temperature compensation of soil moisture, EC meter. Convertible temperature unit between °C and °F
- Provide guide to watering and temperature requirements of 270 plants
- Able to display various combination of moisture mode and temperature, EC with dual display
- Display low battery indicator



Indicates when to watering your house plants  
Indicates how to caring they need with checking

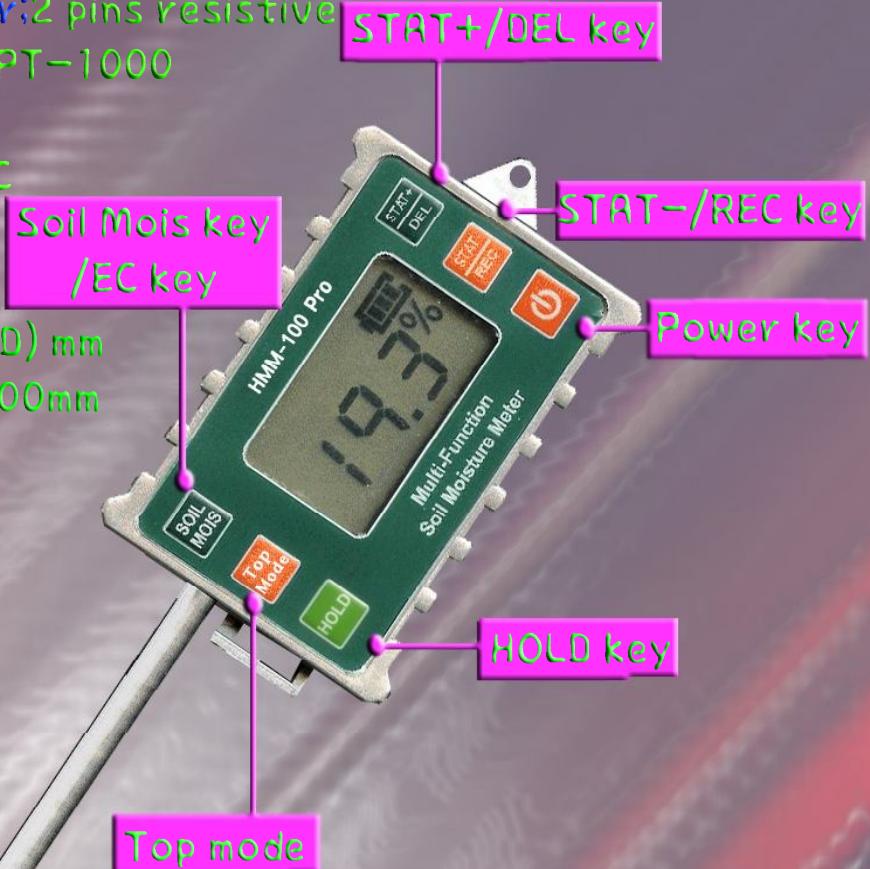


## 2.Specifications

- Display;HTN LCD
- Soil moisture meter/EC sensor;2 pins resistive
- Air/Soil temperature sensor;PT-1000
- Sampling rate ;0.8 sec
- Storage condition;−40°C~80°C
- Power supply;1.5V AAA X 2
- Weight;100g
- Dimension;55(W) X 88(H) X 25(D) mm
- Soil moisture sensor length;200mm



Soil moisture Sensor  
/EC Sensor



Function	Valid range	Max range	Resolution	Accuracy	Operating temperature
Soil m	0~30%	0~50%	0.3%	+/-3%	0~70°C
Temp.	-40°C~100°C	-40°C~100°C	0.1°C	+/-1°C	-40°C~100°C
EC	0~4.0mS/cm	0~9.0mS/cm	0.01mS	+/-1%+5DG	0~50°C