

Mini Pocket

TM-751 Solar Power Meter

Applications

- ◆ Solar radiation measurements
- ◆ Meteorology
- ◆ Agriculture
- ◆ Windows performance
- ◆ Optical and physics laboratories
- ◆ Solar power research for the installation of the solar panels or solar water heater

Features

- ◆ High Accuracy, Low Price.
- ◆ Over Load indication.
- ◆ High Stability.
- ◆ Auto power.



Specifications

Display	3¾ digits LCD with maximum reading 3999		
Unit selection	W/m² or BTU / (ft²*h) units 1		
Measuring lights source	all the visible light		
Accuracy	± 10W/m² [±3 BTU / (ft²*h)] or ±5% , Additional temperature induced error ±0.38W/m² /°C ±0.12 BTU / (ft²*h) /°C] from 25°C		
Resolution	1W/m² ; 1 BTU / (ft²*h)		
Sampling Time	3 times / sec		
Operating temp. & RH	5°C~40°C, < 80%RH.	Storage temp. & RH	-10°C ~60°C, < 70%RH.
Range	2000W/m², 634 BTU / (ft² * h)	weight	approx. 90g.
Battery life	approx. 50 hr.	Dimensions	134 x 48 x 27 mm.(L x W x H)

TM-741 Air Velocity Meter



135×48×23mm (L×W×H)
80g (without battery)

Features

- ◆ 30mm 6 plastics vane.
- ◆ Breeze response 0.4m/s.
- ◆ Max/Min/Avg and data hold.
- ◆ Auto power off with disable function.
- ◆ High Sensitivity.

Specifications

- ◆ Display : Dual LCD display. The maximum value on the primary display is 9999. The maximum value on secondary display is 999.
- ◆ Sampling Rate : 1 time / second
- ◆ Power Supply : 1.5V AAA battery x 2
- ◆ Battery Life : 50 hours continuous duty.

Temperature

Unit	Range	Resolution	Accuracy
°C	-20~50	0.1	±1°C
°F	-4~122	0.1	±1.8°F

Velocity

Unit	Range	Resolution	Accuracy
m/s	0.4~20	0.1	≤10m/s ±(2.0+0.5) >10m/s ±(2.5%+1)
Km/hr (kph)	1.5~72	0.1	≤36Km/hr ±(2.0%+1.8) >36Km/hr ±(2.5%+3.6)
mph	0.9~44	0.1	≤22mph ±(2.0%+1.1) >22mph ±(2.5%+2.2)
Knots (kts)	0.8~38	0.1	≤19Knots ±(2.0%+1) >19Knots ±(2.5%+1.9)
ft/min (fpm)	79~4000	1	≤2000ft/min ±(2.0%+100) >2000ft/min ±(2.5%+200)