



Handheld Infrared Thermometer w/ Hygrometer 8857

- The most popular IR+humidity two in one meter to get air temp./surface temp. /Humidity/wet bulb temp./dew point temperature
- To get the temp. difference between dew point temp.& surface temp. in a click
- Quick and accurate IR response time:500ms
- Gear damper device for sensor protection
- IR emissivity value adjustable 0.3~1.0
- Built-in laser beam (670nm) for targeting



Metric/
Imperial



Auto
Power Off



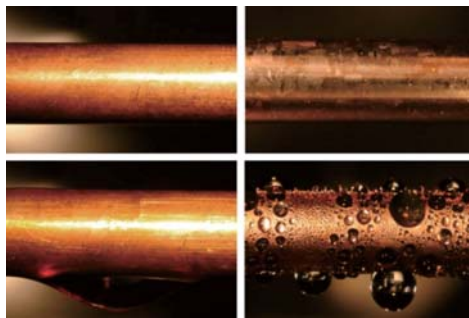
Low
Battery



Backlight



PC Link



USB CABLE & SOFTWARE
P/N: VZUSBAZM

Model	8857
IR Temp. range	-40~500°C
IR Temp. resolution	0.1°C/°F
IR Temp. accuracy (Which is greater)	+/-2%or2°C at -20~200°C, others is +/-3%or3°C
Temp. range	-20~50°C
Temp. resolution	0.1°C/°F
Temp. accuracy	+/-0.6°C
Humidity range	0.1%RH~99.9%RH
Humidity resolution	0.1%RH
Humidity accuracy	+/-3%RH (at 25°C, 10~90%RH, others +/-5%RH)
Dew Point temp	-68~49.9°C
Wet Bulb temp	-21.6~49.9°C
IR Repeatability	+/-1°C
Emissivity	0.3~1.0 adjustable
D:S ratio	8:1
LCD size	44(W)x26(H)mm
Operating temp.	0~50°C
Operating RH%	Humidity < 80%
Storage temp.	-20~50°C
Storage RH%	Humidity < 90%
Dimension	70x50x175mm
Weight	140g
Battery	AAA battery x 4pcs
Optional	Software&cable kit
Standard Package	Meter/Battery/Manual/Carry case

Ordering Code

VZ8857AZ, 8857 meter
VZUSBAZM, USB software kit

What is the application of Dew Point Temperature?

- In summer or high humidity season, identifies and warns when conditions for mold growth exist
- In winter or low humidity season, identifies and warns when conditions for static electricity exist
- Air temperature and dew point temp. indicate where condensation may occur
- Monitor conditions in laboratories, basement and other controlled environment settings

