

Features

- ✓ Dew Point And Wet Bulb Temperature Measurement
- ✓ Fast Response Time
- ✓ Auto Shut Off For Battery Saving
- ✓ Max/Min Function
- ✓ Dual Displays: Primary Display For Humidity; Secondary Displays For Temperature



General Specifications

Specifications	EH 502 / EH 504
Display	Dual display
Low Battery Indication	
Sampling Rate	2.5 times/sec
Auto Power Off	30 minutes
Power Source	4 each AA/R6 batteries
Battery Life	200-hours continuous (with alkaline battery)
Operating Temperature and Humidity	-20°C~60°C / 0°C~55°C
Storage Temperature and Humidity	-10°C~60°C;<70% RH
Altitude	Up to 2000 meters
Dimensions	204(L)×65(W)×45(H)mm; 8.0x2.6x1.7 inches
Weight	Approx.230g
Accessories	Batteries, Test Lead, Instruction Manual

Electrical Specifications

Parameter	Specification	EH 502	EH 504
Measurement Range	Humidity	0%RH~99%RH	0%RH~99%RH
	Temperature	-20°C to 60°C / (-4°F ~ 140°F)	-20°C to 60°C / (-4°F to 140°F)
	Wet Bulb Temperature Range	-20°C to 60°C / (-4°F ~ 140°F)	-20°C to 60°C / (-4°F to 140°F)
	Dew Point Temperature Range	-20°C to 60°C / (-4°F ~ 140°F)	-20°C to 60°C / (-4°F to 140°F)
Accuracy: (at 23°C)	Range / Accuracy	5% RH to 95% RH / ±3% RH	10% RH to 90% RH / ±2.5% RH
		-20°C to 60°C / ±0.8°C	<10%RH, >90%RH / ±5.0% RH
		-4°F to -140°F / ±1.6°F	-20°C to 60°C / ±0.8°C
			-4°F to 140°F / ±1.5°F
Resolution		0.1%RH , 0.1°C / 0.1°F	0.1%RH , 0.1°C / 0.1°F
Response Time: (@ t90; in slowly moving air)	Humidity	180 sec	60 sec
	Temperature	10 sec	10 sec
	Sensor hysteresis		< ±1.5% RH with excursion of 90% to 10% to 90%
	Temperature Coefficient		0.1 X (specified accuracy)/ °C(<23°C or >23°C)