

HT167 - HT4000 - HT2234N DIGITAL THERMOHYGROMETER, THERMOANEMOMETER AND TACHOMETER

HT167 includes the thermometer and hygrometer features in a only meter. More than real time measurements, the meter also performs recording operation and can be connected to PC via RS-232 for saved data transfer. HT4000 is a multifunction analyzer of environmental parameters as air temperature/humidity, air speed, air flow and pressure. It is particularly indicated for HVAC plants verifies. HT2234N is a digital tachometer to perform RPM measurements of rotating parts (disks, motor trees, etc..) both on contact and without contact by using of a laser emission ray transmitted and received from the object under measurement.

FUNCTIONS	HT167	HT4000	HT2234N
Air temperature measurement in °C / °F	•	•	•
Atmospheric pressure		•	
Relative humidity measurement (%RH)	•	•	
Air speed measurement (m/s) and air flow measurement (CMM/CFM)		•	
RPM with and without contact measurement			•
Counter of events			•
Laser pointer			•
MAX / MN / HOLD	•		•
Real time recordings	•		
Internal memory for saving date	•		
RS-232 serial interface	•		
AutoPowerOFF	•	•	•

GENERAL SPECIFICATIONS HT167	GENERAL SPECIFICATIONS HT4000	GENERAL SPECIFICATIONS HT2234N
Temp. range: -20°C ÷ 60°C (-4°F ÷ 140°F)	Meas. unit Range Meas. unit Range	Non-contact speed range: 10.00 ÷ 99999 RPM
Humidity range: 0 ÷ 100%RH	Air speed measurement with external probe	Contact speed range: 20.00 ÷ 29999 RPM
Resolution: 0.1°C (0.1°F) / 0.1%RH	m/s 0.4 ÷ 25 Km/hr (kph) 1.5 ÷ 90	Resolution: 0.01 ÷ 1RPM
Temperature accuracy: ±0.7°C / 0.1°F	mph 0.9 ÷ 55 Knots (kts) 0.8 ÷ 48	Events counter range: 0 ÷ 99999
Humidity accuracy: ±2.5%rdg (at 25°C)	ft/min (fpm) 79 ÷ 4921 Beaufort 1 ÷ 10	Response time: 0.7s (>60RPM)
Response time: 40s (°C) / 75s (%RH)	Airflow measurement with external probe	Distance from object: 50 ÷ 300mm
Data HOLD	CMM 0 ÷ 9999 CFM 0 ÷ 9999	Display: LCD, 5 dgt, 99999 points
MAX/MIN	Air humidity measurement with internal sensor	AutoPowerOFF: after 30min
Integration period: 160min	%RH 0 ÷ 100	Data HOLD
Memory: ca 16000 locations	Air temperature measurement with internal sensor	MAX/MIN
RS-232 serial interface	°C -20 ÷ 60 °F -4 ÷ 140	Power supply: 4x1.5V batteries AA LR06
AutoPowerOFF: after 30min	Atmospheric pressure measurement with internal sensor	Size (LxWxH): 172x63x36mm
Power supply: 1x9V battery type IEC6F22	hPa 350 ÷ 1100 inHg 10.3 ÷ 32	Weight (included batteries): 190g
Size (LxWxH): 186x64x30mm	mmHg 263 ÷ 825	
Weight (included battery): 320g	Power supply: 1x9V battery type IEC6F22	Standard accessories
	Size (LxWxH): 130x56x38mm	Mechanical adapter + fixing screw
Standard accessories	Weight (included battery): 160g	Rubber part
Carrying bag	Standard accessories	Rubber terminals of various shape
Battery + user manual	Carrying case	Reflecting tape
Software + RS-232 serial cable	External probe	Carrying bag
	Battery + user manual	Batteries+user manual



HT167
HA000167



HT4000
HN004000



HT2234N
HA02234N