

Handheld type temperature/humidity meter HN-EH series



**Speedy, lightweight, high accuracy !!
Measurement in 30-seconds level !!**

HN-EH series is accurate handheld type temperature/humidity meter with the measuring range of -20 to 70°C(sensor built-in type -10 to 45°C) and 5 to 95%RH.

Two types of model, simple basic type (sensor built-in type only) and standard type (sensor built-in type and probe type) , can be selected to meet various applications requirement.

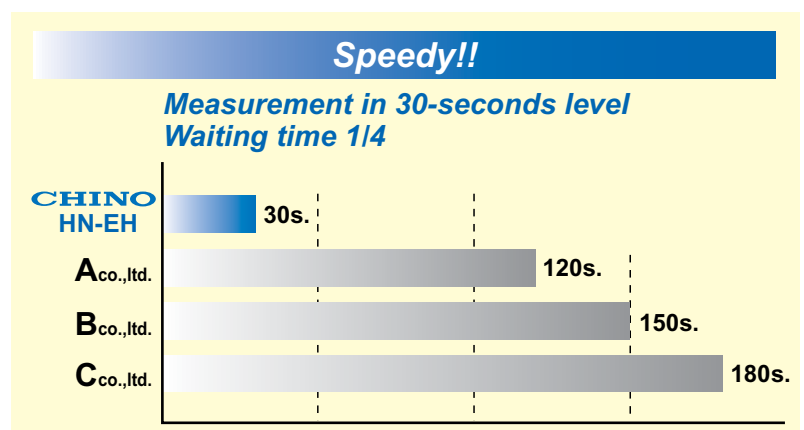


FEATURES

- Overriding fast response time, measurement 30-seconds level
- Low running cost, built-in type sensor unit is interchangeable by user
- Small, lightweight (sensor built-in type approx. 120g) and easy operation

MODEL

- HN-EHBN** Simple basic type (Sensor built-in type)
- HN-EHSN** Standard type (Sensor built-in type)
- HN-EHSP** Standard type (Probe type)
- HN-EHXI** Slide arm for HN-EHSP

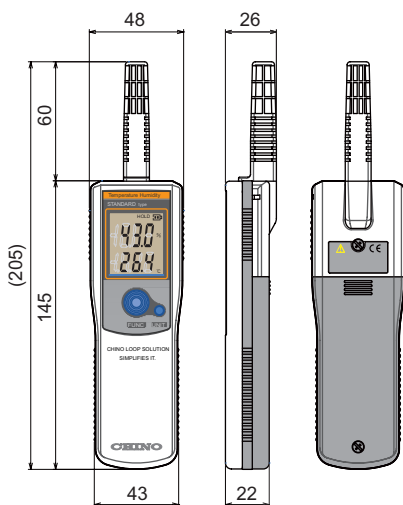


SPECIFICATIONS

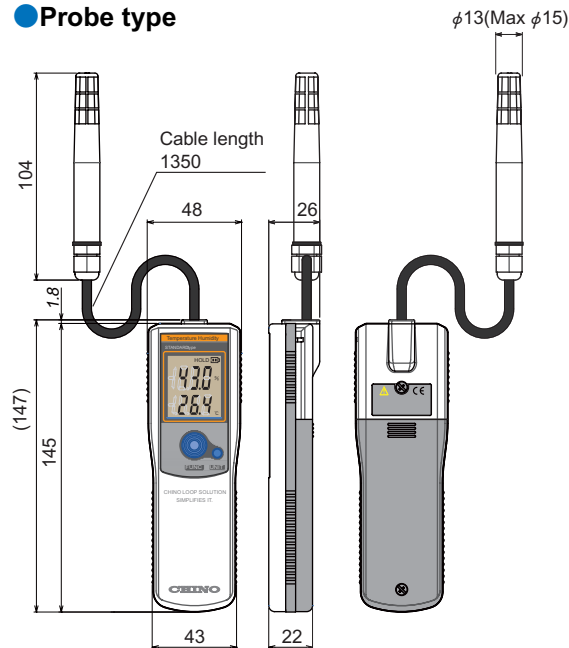
		Sensor built-in type	Probe type
Sensor		Temperature...Thermistor Humidity...High-polymer capacitance type	
Measuring range	Temperature	-10 to 45°C	-20 to 70°C
	Humidity	Relative humidity 5 to 95%RH (No dew condensation) Dew point temperature -35 to 55°C (standard type only)	
Measuring resolution		Temperature 0.1°C Relative humidity 0.1%RH	
Accuracy ratings	Temperature	±0.5°C ±1digit (at 5 to 45°C) ±1.0°C ±1digit (at -10 to 5°C)	±0.5°C ±1digit (at 5 to 45°C) ±1.0°C ±1digit (at -20 to 5°C and 45 to 70°C)
	Humidity	±2.5%RH ±1digit (at 5 to 90%RH, 25°C) ±3.5%RH ±1digit (at 90 to 95%RH, 25°C)	
Response	Temperature	40 seconds or less (Under 0.5m/s ventilation, 90% step response of approx.50°C→25°C)	
	Humidity	40 seconds or less (25°C constant, under 0.1m/s ventilation, 90% step response of approx.30%RH→50%RH)	
Display		LCD digital Temperature, relative humidity, dew-point temperature (standard type only), unit, functions, battery level	
Display update		1.0 second	
Battery		AAA alkaline battery 2pcs	
Battery life		Approx.500 hours (at 25°C)	
CE Marking		EN61326-1/Class B Stability under the test environment required by EMS directive Temperature ±0.5°C or less, humidity ±2.5%RH (at 25°C ±3°C) Dew point temperature ±2.0°C or less (at 25°C, 50%RH)	
Weight		Approx.92g (excluding batteries)	Approx.130g (excluding batteries)

DIMENSIONS

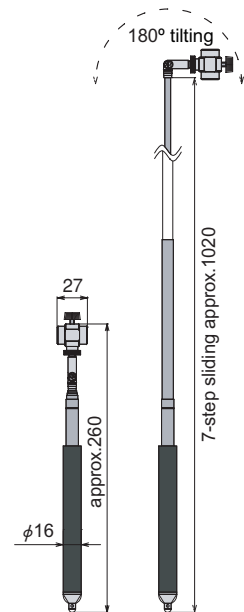
● Sensor built-in type



● Probe type



● Slide arm (for unreachable place)



Unit : mm

Specifications subject to change without notice. Printed in Japan (I) 2014. 2

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