



HIGH ACCURACY INDUSTRIAL HANDHELD THERMO-HYGROMETER

We offer precision industrial portable thermo-hygrometer which is designed using latest low power, high speed microcontroller for accurate measurement of temperature and relative humidity. It is an indispensable tool in the industry for cross checking the atmospheric T+Rh. It can be easily carried by field engineers to carry out measurements at critical areas.

Single instrument can be used for both temperature and humidity, the display shows the reading one at a time with respective unit of measurement at a regular switching interval of 5 seconds. The switching can be paused by pressing °C / %Rh membrane key in the front.

Other useful features allow user to record maximum and minimum T+Rh, freeze or hold the measured reading and select the unit of measurement either in °C or % Rh.

While backlit LCD to read the display in dark area. Serial interface is optionally available for logging the data on to the PC using Rs232 adaptor. HTM-22 works on single 9V battery or on external 9V adaptor.



SPECIFICATIONS

T+Rh Sensor/Probe	Hygroclip CP(T+Rh) from ROTRONIC SWISS (L=200 mm) with 1 meter extension cable and abonite/PVC handle for strong grip.
Temp Range	-40.0 to +60.0°C, -20.0 to 80.0°C or 0.0 to 100.0°C
% Rh Range	0.0 to 100.0 % Rh.
Accuracy	+/- 0.1°C for temperature and +/-2% for %Rh.
Resolution	0.1°C / %Rh
Display	4 Digit, 0.5" height, 7 segment numeric LCD.
Display Scan rate	Every 5 seconds for T and Rh (can be paused by key press)
Soft Touch Keypad	For °C / %Rh / Max / Min / Hold / Clear / Back Lit Functions.
Battery	Single 9V dry cell or 9V/100mA adaptor (External)
Serial Interface(Optional)	Rs232 port for PC interface with additional adaptor
Key Sound	Miniature beeper-sounds on key press
Over Range Protection	Provided.
Low Battery Indication	Provided.
Size	150(H) x 82(W) x 35(D) mm.
Weight	200 gms.
Enclosure	ABS plastic body with polycarbonate front and membrane keyboard.

APPLICATIONS : To measure the T+Rh in computer server room, laboratory, AHU ducts, Stability chamber, cold storage, incubators, ware houses, green houses, grain storage houses, etc.