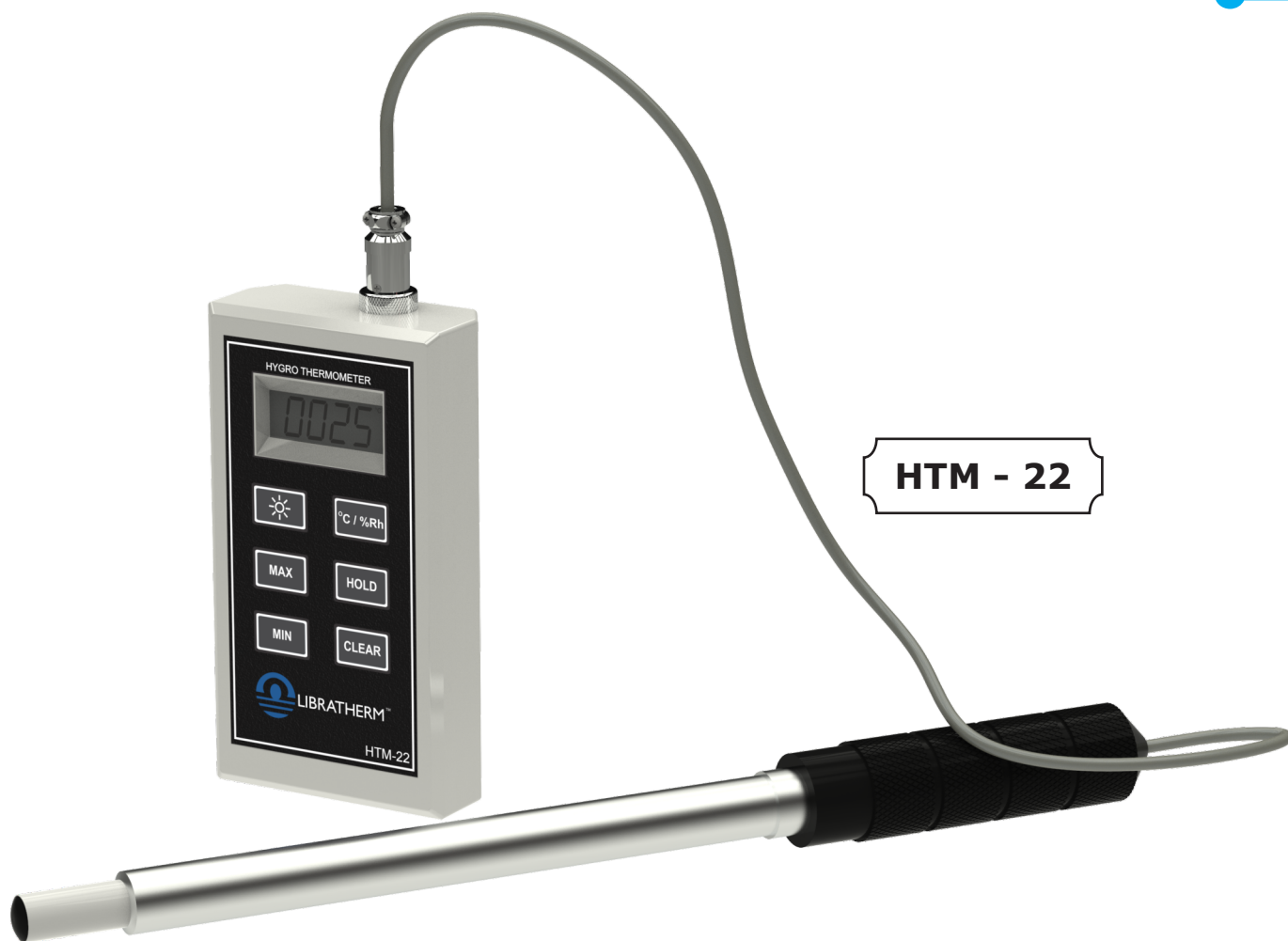


HIGH ACCURACY INDUSTRIAL HANDHELD HYGRO-THERMOMETER



MODEL WISE DESCRIPTION

Model	Product Description	Part No.
HTM-22-60	Digital Hygro - Thermometer for industrial use up to max 60 oC	1006
HTM-22-80	Digital Hygro - Thermometer for industrial use up to max 80 oC	1007

TECHNICAL 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. Measuring Range	-40.0 to +60.0°C, -20.0 to 80.0°C
%Rh Measuring 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 Key pad	For °C / %Rh / Max / Min / Hold / Clear / Back Lit Functions
Battery	Single 9 volts dry cell or 9V /100mA adaptor (External)
Serial Interface (Optional)	RS232 port for PC interface with additional adaptor (available as additional accessory)
Key Sound	Miniature beeper – sounds on Key press
Over range indication	Provided
Low Battery indication	Provided
Size	150(H) x 82(W) x 35 (D) mm.
Weight	200 gms approx.
Enclosure	ABS Plastic body with polycarbonate front and membrane keyboard

APPLICATION

To measure the T + Rh in computer server room, laboratory, AHU ducts, Stability chamber, cold storage, Incubators, Ware houses, green houses, etc...

DESCRIPTION

Libratherm offers Precision Industrial Portable Hygro-Thermometer (Model HTM-22), which is designed using the 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 measurement 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 allows user to record maximum and minimum T + Rh, freeze or Hold the measured reading and select the unit of measurement either in °C or %.

White Back lit LCD to read the display in the dark area. Serial interface is optionally available for logging the data on to the PC using RS232 adapter. HTM-22 works on single 9V battery or on external 9V adapter.

ORDERING CODE

Model	Product Description	Part No.
HTM-22-60	Hygro -Thermometer Range -40.0 to 60.0°C / 0.0 to 100.0 %Rh	1006
HTM-22-80	Hygro -Thermometer Range -20.0 to 80.0°C / 0.0 to 100.0 %Rh	1007

DIMENSIONAL DRAWING

HTM-22



All dimensions
are in mm

Note: Dimension of DTM-21 , DTM-22 & HTM-22 are same