

# PRECISION PORTABLE HYGROMETER

Model : HTD 200



## FEATURES

- ✓ Large 2.8" TFT display with Touch screen
- ✓ Ranges from -40 to 85 DegC / 0 to 100% RH / psychrometric Converted Dew point
- ✓ More resolution 0.01 DegC / 0.01 % RH
- ✓ High Accuracy :  $\pm 0.2$  DegC /  $\pm 0.8$  % RH
- ✓ Inbuilt rechargeable polymer Li-ion battery
- ✓ Alarm facility
- ✓ Comfortable and anti-slip grip
- ✓ Portable & Rugged with carrying case
- ✓ ISO/IEC 17025 Accredited Calibration certificate

## APPLICATIONS

- Calibration & Testing Laboratories
- Pharmaceutical Industry
- Food Industry
- Agriculture Industry
- Server rooms
- Hospitals, etc.,

# Technical Specifications

Features	Values
Model	HTD 200
Range	-40 to 85 °C (T) / 0 to 100% RH (RH)
Resolution	0.01 °C / % RH
Accuracy	± 0.2 °C / ±0.8 % RH
Display	2.8" True colour TFT display with touch screen
Application environment range	-10 to 60 °C / 0 to 100% RH (non condensed)
Storage environment range	-10 to 45 °C / 10 to 90% RH
Psychrometric calculations	Dew Point (Dp)
Calculation method	WMO method
Display refresh rate	1 s (typical)
Calibration	Multipoint Calibration feature available for both temperature & humidity
Alarm	Audible & Visible user settable individual High & Low alarm set with alarm mode selection for all the 3 parameters
Touch sound	On / Off option available
Battery charging port	USB C type
Integrated battery	3.7V / 10,000 mAh Inbuilt rechargeable polymer Li-ion battery
Backlight time interval	0(OFF) to 59 mins : 59 secs (user adjustable)
Brightness adjustment	10 to 100% (user adjustable)
Housing material	ABS with anti-slip grip silicon cover
Protection class	IP40
Overall Dimension in mm	35 x 80 x 165 mm ( L x B x H)
Instrument Weight	560 g (Approx.)

Note: Due to continuous product improvements, Published specifications may change with out notice

## Standard Delivery

1. Basic Instrument with sensor 2m cable
2. Charger with cable
3. Instruction manual
4. Traceable calibration certificate

## Optional

1. Carrying case
2. ISO/IEC 17025 Accredited Calibration certificate



## SANSEL INSTRUMENTS AND CONTROLS SANSEL CALIBRATION LABORATORIES

ISO/IEC 17025 Accredited Calibration Laboratory by NABL CC - 2879  
( Thermal, Mechanical, Electro-Technical, Dimension Parameters )

1 / 46 , 3<sup>rd</sup> Main road, Ganga Nagar, MMDA Colony , Maduravoyal , Chennai - 600 095. INDIA  
☎ +91 44 2378 3951, 📞 +91 72999 72085 / 86 / 93, 📠 +91 98401 49928 ✉ enquiry@ sansel.net

