

Portable Dew Point Meter

Precision Dew Point Measurement in a Compact, User-Friendly Design
Model : DPM - 202



Introduction

The **Portable Dew Point Meter** is an advanced, high-precision instrument meticulously engineered for professionals who demand accurate and reliable measurements of dew point temperature, relative humidity, and ambient temperature with data-logging facility, huge memory space & PC interface software for data analysis. This portable Dew point recorder serving across a variety of environments. Whether you're involved in industrial processes, HVAC system maintenance, environmental monitoring, or quality control, this device delivers exceptional performance with unparalleled ease of use.

Designed with the user in mind, the meter features an ergonomic ABS housing with an anti-slip silicon cover, making it both durable and comfortable to handle. The integrated **3.7 V / 10,000 mAh rechargeable Li-ion battery** ensures extended operation, while the **USB C-type** charging port and data connectivity simplify charging and data transfer processes.

Whether you're on the factory floor, in the field, or in the laboratory, the Portable Dew Point Meter provides the accuracy, reliability, and convenience you need to perform your job effectively.

Key Features

- ✓ **Wide Measurement Range:** Dew Point from -60...+60°C (Dp), Relative Humidity 0...100 % RH, Temperature -40 °C to +70 °C.
- ✓ **High Resolution:** 0.01 °C / % RH for precise readings.
- ✓ **Intuitive Display:** 2.8” True Colour TFT touch screen for easy operation.
- ✓ **Inbuilt data logging with huge memory space**
- ✓ **Connectivity:** USB C-type port for data download via PC software (Sansel-Soft-01).
- ✓ **Alarm Functions:** Audible and visible alarms with user-settable thresholds.
- ✓ **Robust Design:** Durable ABS housing with anti-slip grip and IP40 protection class.
- ✓ **Portable:** Compact dimensions and lightweight design for easy transport.

Why Choose Our Portable Dew Point Meter?

Our Portable Dew Point Meter combines precision, versatility, and user-friendly features in a compact design. With its high-resolution touch screen display, advanced data logging capabilities, and robust construction, it is the ideal choice for professionals who demand accuracy and reliability in their measurements.

Applications

- ❑ **Industrial Drying Processes:** Monitor dew point to ensure optimal drying conditions.
- ❑ **Compressed Air Systems:** Measure dew point to prevent moisture-related issues in pneumatic equipment.
- ❑ **HVAC Systems:** Ensure proper humidity control and prevent condensation.
- ❑ **Environmental Monitoring:** Assess atmospheric moisture conditions for research and weather prediction.
- ❑ **Quality Control:** Maintain consistent environmental conditions in manufacturing and storage facilities.

Technical Specifications

Parameter	Specification
Measurement Range	Dew Point (Dp): -60...+60 °C Relative Humidity (RH): 0...100 % RH Temperature (T): -40 °C to 70 °C
Resolution	0.01 °C / % RH
Accuracy	±2 °C(dp)
Display	2.8” True Colour TFT with Touch Screen
Display Refresh Rate	1 second (typical)

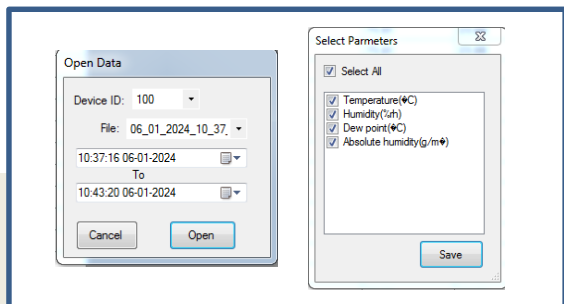
Alarm	Audible & Visible user settable individual High & Low alarm set with alarm mode selection
Calibration	Multipoint Calibration feature available
Touch sound	On / Off option available
Integrated battery	3.7V / 10,000 mAh Inbuilt rechargeable polymer Li-ion battery
Data logging interval *	1 sec to 24 Hours (user selectable) (Only for DPM 202-A)
Data download *	Via USB C-type to PC software (Sansel-Soft-01) (Only for DPM 202-A)
Battery charging port	USB C-type
Backlight Time Interval	OFF to 59 mins : 59 secs (user adjustable)
Brightness adjustment	10 to 100% (user adjustable)
Application Environment Range	-10 °C to +60 °C; 0% to 100% RH (non-condensed)
Storage Environment Range	-10 to 45 °C ; 10 to 90% RH
Housing Material	ABS with anti-slip grip silicon cover
Protection Class	IP40
Dimension (L x B x H)	35 x 80 x 165 mm
Weight	Approximately 560 g

Note: Specifications are subject to change without prior notice.

Model identification & ordering code

Ordering Code	Standard Model (Without Logger)	* Advanced Model (With Data Logger)
	DPM 202	DPM 202-A

SANSEL Soft 01 (version 1.0)



Sansel Soft 01 is the ultimate data analysis software designed to import data from **DPM 202-A models**. It enables ultra-fast

downloading of stored data and converts it into visually compelling graphs through a user-friendly interface. Customize and enhance your visualizations, apply filters, and print directly from the tool. Perfect for laboratories, research institutes, hospitals, and food industries, Sansel Soft 01 is your go-to solution for powerful and easy data visualization. Where data meets design, Sansel Soft 01 delivers insights at your fingertips.

Note: DPM 202-A is an ordering code indicating the model with built-in data logger. (P.T.O)

Features

- ✓ Ultra fastest download data's in fraction of seconds from DPM 202-A model to PC local database & analyze.
- ✓ Data Report & Graph view with user selectable parameters for both USB connected DPM 202-A instrument's storage data and old Database stored data's in local PC.
- ✓ Report export in CSV & PDF format.
- ✓ Graph export in PNG & PDF format.
- ✓ Easy customized filter option available based on both Report & Graph view by Date & time for selected parameters.
- ✓ User selectable report Title, subtitle & logo for both Report & Graph.
- ✓ User selectable graph Title, X-label, Y-label, maker scale, Auto scale.
- ✓ Multiple DPM 202-A Model possible to connect and download data one by one in single software.
- ✓ Software license key protection available to protect your software to misuse by unauthorized user in different PC.

Standard Delivery

1. Basic Instrument with sensor 2m cable
2. Charger with cable
3. Instruction manual

Optional

1. Protective Carrying Case
2. SANSEL-SOFT-01 software for DPM 202-A
3. ISO/IEC 17025 Accredited Calibration Certificate

Important

Logged data can be downloaded, analysed, and printed only using the SANSEL-SOFT-01 software. Without this software, data retrieval is not possible



Carrying Case



SANSEL INSTRUMENTS AND CONTROLS SANSEL CALIBRATION LABORATORIES LLP

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

1 / 46 , 3rd Main road, Ganga Nagar, MMDA Colony , Maduravoyal , Chennai - 600 095. INDIA

☎ +91 44 2378 3951, 📞 +91 72999 72085 / 86 / 93, 📠 +91 98401 49928 ✉ enquiry@ sanel.net

🌐 www.sanel.net

🌐 www.sanel.in

🌐 www.sanel.co.in

🌐 www.calibrators.in

