

Quality&Precise



MAXWELLON DPC110

-110°C to 20°C
Capacitive Dew Point Meter
2024

Maxwellon

The DPC110 combines portability, precision, durability, and user-friendly features to deliver an efficient solution for gas trace moisture detection across a wide range of industries and applications. It offers reliable performance in diverse environmental conditions, making it an essential tool for moisture measurement needs.

■ Key Feature

- **Portability:** Compact and lightweight design enables easy transport and usage in different locations.
- **High Precision:** Equipped with a high-precision dew point transmitter for accurate moisture detection.
- **Durable Construction:** Built with a high-protection housing to withstand challenging environmental conditions.
- **Integrated Flip-Cover Design:** The flip-cover design provides added convenience and protection when not in use.
- **Long Battery Life:** Large-capacity built-in battery ensures extended operating time without frequent recharging.
- **User-Friendly Interface:** Features a 7-inch color touchscreen display for intuitive operation and easy data visualization.
- **Real-Time Data Display:** Enables the real-time display of data curves for immediate monitoring and analysis of moisture levels.
- **Wide Testing Range:** Covers temperatures from -110°C to +20°C, providing a comprehensive range for moisture testing in various temperature conditions.

■ Specifications

Measurement Mode	Fully Automatic Continuous Measurement
Test Gas	Inert Gas
Test Gas Flow Rate	1 ~ 3 L/min
Temperature Resolution	0.1°C
Measurement Range	-110°C to 20°C
Temperature Accuracy	±2°C
Display Units	°C, ppm
Operating Environment Temperature	-20°C to 50°C
Operating Environment Humidity	≤85% RH
External Power Supply	AC 220V ±10%, 50Hz
Internal Power Supply	24V Lithium Battery
Data Interaction	USB 2.0 for data export, 4~20mA
Sampling Interface	Self-sealing quick-connect fitting (customizable)



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