Portable / Handheld
Dew Point Meter

Model : DP - 102

Protects Personnel, **Plant & Assets**

HNL SYSTEM'S HANDY, LIGHT WEIGHT, PORTABLE DEW POINT METER WITH DATA LOGGING FEATURE

TECHNOLOGY

HNL Model DP - 102 Dew Point Meter, a portable instrument is designed to measure the performance of compressed air and process drying systems. It is ideal for moisture monitoring in commercial and industrial applications. Periodic monitoring of industrial air system results in a reduced maintenance cost & down time caused by condensate air, the leading cause of corrosion in pneumatic systems.

Air or gas samples up to 12 Kg/cm^3 pressure and temperature up to 75 °C can be directly measured. For higher temperature applications, heat sink tubing can be used.

SPECIAL FEATURES

- Compact and light weight design
- Four button operation and straight-forward user interface
- Battery life - 8 - 10 hrs in Diffusion mode

APPLICATIONS

- Measurement of moisture in stream
- Instant process air, process drying
- Light bulb manufacturing
- Industrial gas manufacturing
- Heat treatment
- Petrochemical / petroleum industry

HNL Systems Pvt. Ltd.
Administrative & Sales Office: 25/N, Laxmi Industrial Estate, New Link Road, Andheri (W), Mumbai – 400 053, India. Tel : +91 22 4295 2180 / 81.
www.hnlsystems.com | sales@hnlsystems.com | https://www.facebook.com/HNLSYS

Portable / Handheld
Dew Point Meter

Model : DP - 102

Protects Personnel, Plant & Assets

SPECIFICATIONS

Type	Portable
Detectable gases / parameters	Moisture in air or gas, dew point, temperature, RH
Electronics / processor	Microprocessor
Power supply	Rechargeable battery (3.7V, 1600mA Lithium ion)
Alarms	Visual, audible - Dry & Wet Alarms, Low battery indication
Display	Graphic LCD
Digital Output	Datalogging
Technology	IC capacitive
Range	Dew Point : -60 to +20 °C
	Humidity : 0-100 % RH / Temp : 0 - 75°C
Accuracy	± 2 °C
Response time	Less than 30 sec T90 variat
Sampling / input	Direct Plug-in
Housing	Plastic
Accessories	Carrying case
Optional Accessories	Teflon tube 2 mtr.
Optional Parameters	Vapor pressure, Moisture
Inlet sample port	1/4" OD tubing (optional)
Dimensions	200 X 94 X 37.5 mm
Weight	330 gm
IP Rating	IP 65

ORDERING INFORMATION

DP - 102

D.P Ranges
1. -60°C to 30°C

Parameters
01. RH
02. Dewpoint
03. Moisture
04. Temperature

Output
A. Datalogging & RS 232

Note : Specifications and Features will vary with application. There may be changes overtime due to continuous development process.

@2021

HNL Systems Pvt. Ltd.
Administrative & Sales Office: 25/N, Laxmi Industrial Estate, New Link Road, Andheri (W), Mumbai – 400 053, India. Tel : +91 22 4295 2180 / 81.
www.hnlsystems.com | sales@hnlsystems.com | https://www.facebook.com/HNLSYS