



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

DEW POINT METER - 319



Features

- 1. Reading Parameters - RH, Ta, TS, Td, TΔ, Tdb, Twb1, SH1
- 2. Statistics - number of readings, standard deviation, mean, coefficient of variation, minimum, maximum
- 3. Dustproof & Waterproof Gauge with Fully Sealed Sensors - equivalent to IP66
- 4. Integral Magnets - secure the gauge during logging
- 5. High/Low Limits - audible, visual, red/green LEDalarms can be set against any or all parameters
- 6. Multilingual Menus
- 7. Backlight - user selectable
- 8. K-Type Connector for External Measurement
- 9. Memory - with reading and statistic review-Last 10 records
- 10. Manual Logging

Technical Specification

•Gauge	:
•Temperature Range	: -20 to +80°C (-4 to +176°F)
•Accuracy	: ±0.5°C (±1°F)
•Resolution	: 0.1°C (0.1°F)
•Air Temperature (Ta)	:
•Temperature Range	: -20 to +80°C (-4 to +176°F)
•Accuracy	: ±0.5°C (±1°F)
•Resolution	: 0.1°C (0.1°F)
•Surface Temperature (TS)	:
•Temperature Range	: -20 to +80°C (-4 to +176°F)

- Accuracy : $\pm 0.5^{\circ}\text{C}$ ($\pm 1^{\circ}\text{F}$)
- Resolution : 0.1°C (0.1°F)
- External K-Type Thermocouple (Te)** :
- Temperature Range : -40 to $+200^{\circ}\text{C}$ (-40 to $+392^{\circ}\text{F}$)
- Accuracy : $\pm 0.5^{\circ}\text{C}$ ($\pm 1^{\circ}\text{F}$)
- Resolution : 0.1°C (0.1°F)
- Relative Humidity (RH)** :
- Temperature Range : 0 to $100\%\text{RH}$
- Accuracy : $\pm 3\%\text{RH3}$
- Resolution : 0.1%
- Gauge & LCD Operating Range : -20°C to $+80^{\circ}\text{C}$ (-4°F to $+176^{\circ}\text{F}$)
- Power Supply : 2 x AA batteries or via USB Cable
- Battery Life : Manual Mode: Greater than 40 hours (Backlight Off)
- Dimensions : $180 \times 75 \times 35\text{mm}$ ($7 \times 3 \times 1.4''$)
- Weight : 300g (0.66lb)
- Packing list : Elcometer 319 Dewpoint Meter, 2 x AA batteries, wrist strap, carry
: case, calibration certificate, USB cable+, ElcoMaster ®+ and operating
: instructions

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