

Purgenet™ Dew Point Purging Gas Moisture Sensor™

for PurgEye® 200, 500 Desk, 600, 1000 Remote and 1500 Site



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During purging welders need to measure the oxygen content but may also need to measure the 'dew point'.

The dewpoint is the temperature where condensation begins and water will condense on the material being welded. This can affect the weld properties significantly.

Huntingdon Fusion Techniques HFT®'s PurgeNet™ Dew Point Purging Gas Moisture Sensor™ can be used in conjunction with any of the PurgEye® 1ppm Weld Purge Monitors®, so rather than purchasing a separate, expensive Dew Point Meter.

The Dew Point Purging Gas Moisture Sensor™ can be connected to the Weld Purge Monitor® via the PurgeNet™ Smart Cable.

The PurgeNet™ Dew Point Purging Gas Moisture Sensor™ is designed to fit any of their Weld Purge Monitors® that read down to 1ppm (accurate to 10 ppm):

**PurgEye® 200, PurgEye® 500 Desk,
PurgEye® 600, PurgEye® 1000 Remote and
PurgEye® 1500 Site**

Connection is made via the PurgeNet™ Smart Cable that is supplied as standard with all models.

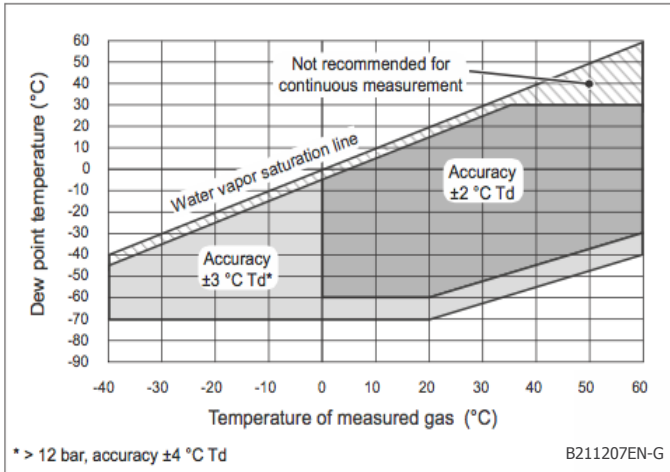
SPECIFICATION:

- **Measurement Range** (@20°C and 100 mbar)
300 to 50,000 ppm
(600 to 200,000 ppm @ 50°C*)
- **Accuracy** (@ 20°C* and 1000 mbar)
30 ppm + 10% of measured value #
- **Response time** (t90)
minutes for decreasing dew point
seconds for increasing dew point #
- **Power Requirement**
1 watts, powered from PurgeNet™ lead.
- **Output**
Dew point data will be output to supporting Weld Purge Monitor® with PurgeNet™ for display and PurgeLog™ (on compatible models).

* Medium temperature.

This will be heavily dependent on pipe length, material, ambient temperature etc. (Pipe lengths must be kept to a minimum). However, purge times will likely be significantly longer than the response time.

Accuracy in air



Data is displayed on the OLED screen of the Weld Purge Monitor® in split format so both oxygen (O₂) and moisture (H₂O) content are shown as a ppm value.

Part Number: DPS1000

Weight: 400 grams

Dimensions: H 165 mm W 40 mm



UNIT INSTALLED ON A PURGEYE® 200



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Other HFT® Weld Purging Products

Argweld® Inflatable Tube Pipe & Pipeline Weld Purging Systems
 Argweld® PurgEye® Weld Purge Monitors®
 Argweld® Weld Purge Film® & Weld Purge Super Adhesive®
 Argweld® Weld Backing Tape™ & Weld Purge Tape™
 Argweld® Weld Trailing Shields®
 Argweld® Flexible Welding Enclosures®
 Argweld® Weld Purge Plugs™ & Orbital Welding Plugs
 Techweld® MultiStrike® Tungsten Electrodes

Our HFT Pipestoppers® Division

Nylon, Aluminium, Steel and Rubber Pipe Plugs and Inflatable Stoppers

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