

OxyDew

Oxygen and Moisture Analyzer

The OxyDew combines oxygen and dew-point measurement parameters, using our proven intelligent sensor technology coupled with sophisticated electronics. Stable and reliable measurements with virtually no drift are displayed on a color touchscreen.

Dual, simultaneous measurement enables quick access to values at the touchscreen, and four user-configurable alarms. With sleek design, OxyDew is wall-mountable and can be integrated simply into any process.



Highlights

- Oxygen measurement ranges: 0 % to 25 %, 0 ppm to 1000 ppm
- Dew-point measurement range: -110 °Cdp to +20 °Cdp (-166 °Fdp to 68 °Fdp)
- 3-inch (76.2 mm) color touchscreen
- 2 x 4 mA to 20 mA outputs
- Four alarm relays

Applications

- Gas generation
- Additive Manufacturing
- Gas quality measurement

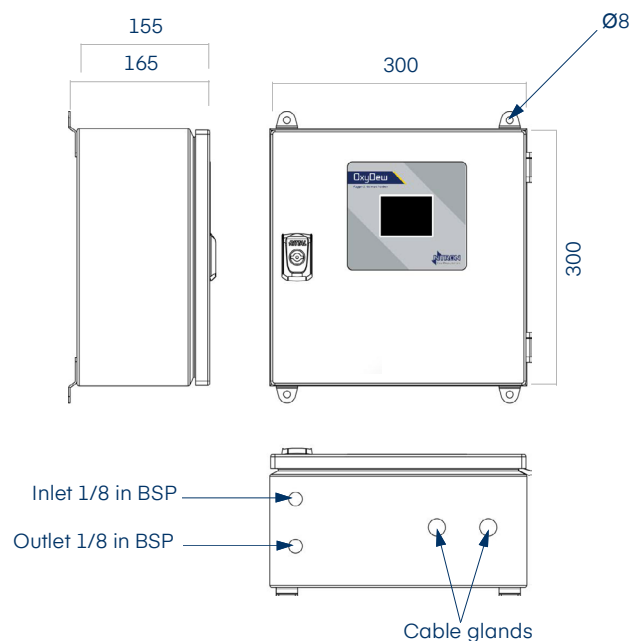
OxyDew

Oxygen and Moisture Analyzer

Technical Specifications

	Oxygen	Moisture
Measuring Technology	Ntron SenzTx (ZR)	Michell Easidew
Measurement Range	0 % to 25 %, 0 ppm to 1000 ppm	-110 °Cdp to +20 °Cdp (-166 °Fdp to 68 °Fdp)
Response Time	< 15 seconds @ 25 °C (77 °F) within selected range (T90)	5 mins to T95 (dry to wet)
Electrical		
Display	3-inch (76.2 mm) color touchscreen	
Analog Output	2 x 4 mA to 20 mA	
Relay Output Options	4 x user configurable alarms	
Power Supply	100 V AC to 240 V AC	
Relay Contact Type/Configuration	2 x SPDT, 2 x SPST, 30 V DC (5 A)	
Mechanical		
Inlet Connection	1/8 in BSP	
Outlet Connection	1/8 in BSP	
Maximum Sample Pressure In	Maximum inlet pressure 10 bar (147 psi)	
Minimum Sample Pressure In	Minimum inlet pressure 2 bar (30 psi)	

Dimensions (mm)



! CAUTION

Ntron Gas Measurement Ltd. is part of the Process Sensing Technologies Ltd. group (PST). As customer applications are outside of PST control, the information provided is given without legal responsibility. Customers should test under their own conditions to ensure the equipment is suitable for the intended application(s).

We adopt a continuous development program which sometimes necessitates specification changes without notice. For technical assistance or enquiries about other options, please contact us here: instruments.support@processsensing.com.

© 2026 Ntron Gas Measurement

NT-DS-2300-EN-v1 04/2026