

AtmoSense™ Oxygen & Moisture Monitors

FOR USE WITH ATMOSPURE™ RE-GEN GAS PURIFIERS COMPATIBLE WITH
PROTECTOR® & PRECISE® CONTROLLED ATMOSPHERE GLOVE BOXES

The AtmoSense Oxygen and Moisture Monitors connect in-line between the Protector Controlled Atmosphere or Combination Glove Box or the Precise Controlled Atmosphere Glove Box and the AtmosPure Re-Gen Gas Purifier.

They provide digital readouts of ultra-low concentrations of oxygen or moisture in ppm. Unlike other monitors that must be located inside the glove box where space is limited, these monitors may be located outside the box.



The AtmoSense Oxygen Monitor 5255500 is shown atop the transfer chamber of a Protector Controlled Atmosphere Stainless Steel Glove Box with AtmosPure Re-Gen Gas Purifier.

AtmoSense™ Oxygen & Moisture Monitors

ORDERING INFORMATION



5255500 AtmoSense Oxygen Monitor, 0-1,000 ppm

For general purpose trace oxygen detection as low as 1 ppm. Provides a digital LCD readout from 0-1,000 ppm oxygen with resolution accuracy of 0.1 ppm from 0 to 200 ppm and a resolution accuracy of 1 ppm from 200 to 1,000 ppm. Includes certificate of initial calibration between 90-199 parts per million. Equipped with three user-configurable oxygen alarm levels and three relays. Provided with 4-20 mA output signal with 0-5 volts output signal for transmission of live data to a user-supplied personal computer. Durable glacier white powder-coated housing. Gas inlet and outlet connections are 3/4" brass compression fittings. Dimensions: 10.0" w x 17.0" d x 11.25" h (25.4 x 43.2 x 28.6 cm). Designed for placement atop the transfer chamber of a Labconco Protector or Precise Glove Box and to operate in-line with the AtmosPure Re-Gen Gas Purifier. **Requires Circulation Tubing Kit 5441808 (Order separately. See below.).** With 12 VDC input voltage for operation on 50/60 Hz powered from 100, 115 or 208/240 volt AC. Includes 100-115 volt cord with IEC 320 C14 plug. Power cords with other plug types are available (Order separately. See below). Shipping weight 20 lbs. (9 kg)



North America, 110-115 volts Plug
100-115 volts, 50/60 Hz, 10 amps



5255600 AtmoSense Moisture Monitor, 0-12,310 ppm

For general purpose trace moisture detection as low as 0-20 ppm. Provides a digital LCD readout from 0-12,310 ppm moisture (0-52% RH) with resolution accuracy of 5 ppm (2° C dew point) measured at 20 ppm (-60° C dew point). Includes certificate of initial calibration. An analog output signal of 0-5 volts is provided from -50° C to +10° C dew point (64 to 12,310 ppm). Auto-calibration occurs every 30 minutes and is integrated between 20-1,250 parts per million. Durable glacier white powder-coated housing. Gas inlet and outlet connections are 3/4" brass compression fittings. Dimensions: 10.0" w x 17.0" d x 11.25" h (25.4 x 43.2 x 28.6 cm). Designed for placement atop the transfer chamber of a Labconco Protector or Precise Glove Box and to operate in-line with the AtmosPure Re-Gen Gas Purifier. **Requires Circulation Tubing Kit 5441808 (Order separately. See below.).** With 12 VDC input voltage for operation on 50/60 Hz powered from 100, 115 or 208/240 volt AC. Includes 100-115 volt cord with IEC 320 C14 plug for North America/Japan use. Power cords with other plug types are available (Order separately. See below). Shipping weight 20 lbs. (9 kg)



North America, 110-115 volts Plug
100-115 volts, 50/60 Hz, 10 amps



5441808 Circulation Tubing Kit

Two each sections of 3/4" ID flexible neoprene tubing with 3/4" OD brass fittings on each end and brass fittings. Shipping weight 20 lbs. (9 kg)

230 Volt Power Cords with Plugs

Catalog #	Plug Type	Shipping Weight
1332600	British (UK), 230 volts, 10 amps	1.0 lbs. (0.5 kg)
1336100	Schuko, 230 volts, 10 amps	1.0 lbs. (0.5 kg)
1332700	China/Australia, 230 volts, 10 amps	1.0 lbs. (0.5 kg)
1338000	North America, 230 volts, 10 amps	1.0 lbs. (0.5 kg)

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