



LECTRODRYER

ADSORPTION TECHNOLOGY EXPERTS

DPM-1 DEWPOINT MONITOR

The Lectrodryer **DPM-1 Dewpoint Monitor** is a self-contained moisture sampling system, which consists of a control panel and a block and bypass piping assembly existing dryers to dew point demand control.

SPECIFICATIONS

- Process Connections 150 lb R.F. Flange
- Power Supply 115 volts 60/60 hertz
- Maximum Pressure 165 psig
- Operating Temperature
 - Electronics +32 to +130°F
 - Probe 166 to +158°F
- Calibration:
 - Probe -166 to +68°F dew/frost point



FEATURES

- Digital display (back lit LCD)
- Calibrated dew/frost point range -166°F to +68°F (-120°C to +20°C)
- Field adjustable alarm setpoints
- 4-20 mA recorder output
- High dewpoint alarm light
- SPDT customer auxiliary alarm “dry” contact
- Circuit breaker for short circuit protection
- Hinged window for easy access to alarm setpoint adjustment
- Filter block and bypass piping assembly
- 10” tall x 8” wide x 6” deep NEMA 4 steel enclosure

LECTRODRYER HAS THE SOLUTION FOR ALL COMPRESSED AIR AND GAS DRYING PROBLEMS

Lectrodryer offers a complete range of drying and purification equipment:
For atmospheric or high pressure conditions
For very small or very large air volumes
For air, gases, and certain organic fluids

Regenerative Adsorption Dryer

Typical applications:

Drying compressed air for instruments; purging of refrigeration coils, compressors, and systems; drying air for ozone generators; vacuum-breaking operations controlled atmosphere gas



Features:

Carbon steel pressure vessels with ASME Code (where applicable) for up to 150 PSIG Stainless steel perforated metal desiccant support and inlet flow diffuser, sheathed or non sheathed heating element in which each adsorber vessel with thermostatic over temperature protection in the heater bundle, two 4-way lubricated plug valves with air piston operator and solenoid valve controls, thermal pressure relief valves, pressure gages, dial thermometer in the purge outlet, 110 volt controls and NEMA 1 electrical enclosures.

Optional Features:

Special controls and electrical enclosures.

Refrigeration-Type Industrial Gas Dryer

Typical Application:

Low pressure situations for controlling atmospheric gases.

Features:

Power-on light, high temperature warning light, on/off switch, refrigeration analyzer gage, gas-out gage, gas-in temperature gage, low suction pressure cut-out, high head pressure cut-out, hot gas bypass capacity control, start push button pump down shut off cycle, oil pressure control, and suction accumulator.



Optional Features:

Special control and electrical enclosures.

Lectrodryer Filters

The Lectrodryer type SF and type F filters provide high efficiency filtration with ten sizes available in each type for flows to 8400 SCFM, larger sizes available on application. Both types have a high level filter efficiency of 99.985% retention (0.015 DOP penetration) for filtration to a 0.3 micron



Lube Oil / Air Tanks

Lectrobreather tank vent dryers prevent atmospheric moisture from entering storage during "breathing" due to ambient temperature changes and draining periods. Valuable oils and chemical solutions remain free of water contamination.



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IECEX



SQL



CONTINUING THE TRADITION OF QUALITY AND SERVICE SINCE 1932

LECTRODRYER

P.O. Box 2500, Richmond, KY 40476-2602 U.S.A.
Phone: (859) 624-2091 Fax: (859) 623-2436
Website: www.lectrodryer.com E-mail: info@lectrodryer.com