



DPM-3 DEWPOINT MONITOR

The Lectrodryer **DPM-3 Dewpoint Monitor** is a self-contained sample system that requires only an inlet sample connection and power connection to operate. The monitor can be added to an existing dryer with no modification of the dryer needed.

The **DPM-3 Dewpoint Monitor** offers a safe and convenient way to monitor your dryer outlet dew point with a continuous digital readout along with providing the capability of upgrading existing dryers to dew point demand control.



SPECIFICATIONS:

- Power Supply: 115 volts, 50/60 hertz
- Maximum Pressure: 150 psig
- Temperature Range:
 - Electronics + 32 °F to +130 °F
 - Probe - 166 °F to +158 °F
- Sample Flow rate: 2-6 scfh
- Accuracy: ± 2 °F

FEATURES:

- Digital display (back lit LCD)
- Calibrated Range: -112 °F to +68 °F
- 2 Field adjustable alarm setpoints
- 4-20 mA recorder output
- High dew point light alarm
- NEMA 4 housing
- Sample cell housing
- Sample cell inlet block valve
- Sample cell outlet flow control valve
- ON/OFF circuit breaker

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.

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.



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



CONTINUING THE TRADITION OF QUALITY AND SERVICE SINCE 1932

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