LOW COST PORTABLE DEWPOINT MONITORS

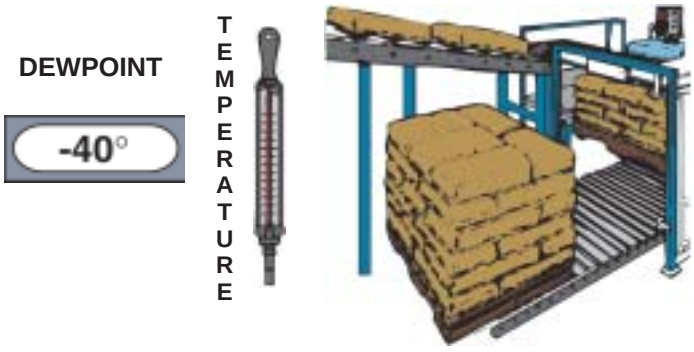
Avoid damage to machinery caused by moisture - Optimize dryer performance

Fig. A

Fig. B

- **Recommended for monitoring ultra-low moisture level in desiccant dryers**
- **Direct readings in dewpoint temperature**
- **On line continuous analyzer**

An indicator showing at what temperature an atmosphere or system will condense water vapor will allow you to prevent damage to moisture sensitive material and equipment



Improve your molding quality

Quality in your molded products depends on the dryness of the plastic resins used during processing. Excessive moisture is often discovered too late, after the product is disfigured, splayed or bubbles appear due to trapped moisture. The portable dewpoint monitor ensures accurate dewpoint monitoring so you can maintain consistency in your molding quality.

Reduce costly downtime

Excessive moisture corrodes sensitive pneumatic tools, machinery, instruments and controls. The portable dewpoint monitor, used inline with refrigerated or desiccant dryers, lets you monitor dewpoint levels in desiccant systems to prevent corrosion and freeze-ups. Reduce downtime and maintenance cost.

HOW TO ORDER ATMOSPHERIC MODEL

8072 Atmospheric Dewpoint Monitor. Range -40 to 16˚ F. Fig. A.....

1205DM Spare Probe. For all models.....

- **Uses a resistive sensing element**
- **Visual high moisture level alarm with dry contact**
- **High accuracy, ±2˚F • Adjustable setpoint**
- **Long life sensor • Maintenance-free operation**
- **Optional horn of audible alarm**

Response Time: 3 sec to 65%
Power: 220VAC
Max. Sensor Temp: 125˚F
Dimensions: 9 x 12 x 5"
Weight: 5 pounds
Tubing: 6 foot

Select models for atmospheric or pressure dewpoint

Physical Operation

The Desiccant Air Dryer unit is equipped with a remote sensor which is installed directly in-line at pressure and connected to the monitor via cable.
The Refrigerated Air Dryer unit samples the air directly into an internal sensor located in the manifold. Enables pressure dewpoint readings.

HOW TO ORDER PRESSURIZED / COMPRESSED AIR MODELS (Fig. B)

Model Number	8097	8092
Range	-40 to 16˚F	40 to 60˚F
Typical Application	Desiccant air dryers under pressure	Refrigerated air dryers under pressure
Connections	Remote sensor with 1"NPT pipe-mount to cable input, 10'	¼"OD tubing port
Gauges	N/A N/A	0-15psig, manifold 0-200psig, line
Pressure Range	0-300psig	75-155psig
Airflow	5 scfh, nominal	5 scfh, nominal

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