

# DEW POINT MONITOR

## MEASURE THE PERFORMANCE OF YOUR DRYING SYSTEMS

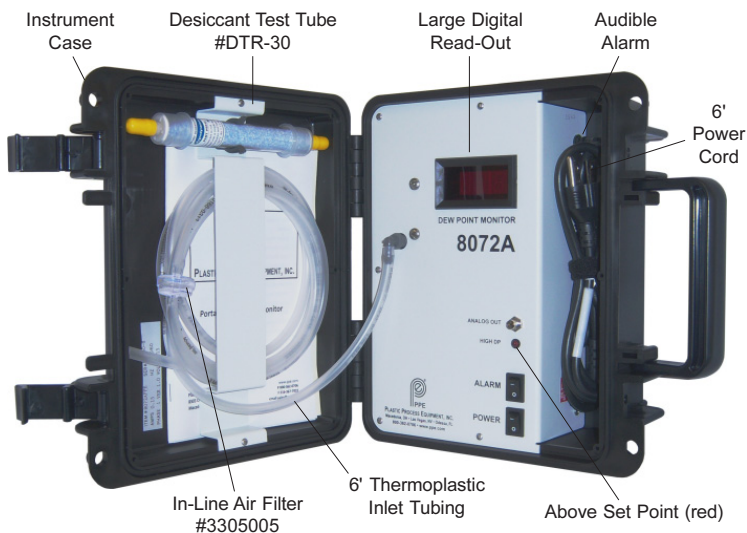
### FEATURES

- -40°F to +15°F dew point range.
- Electronic hygrosensor with a  $\pm 2^\circ\text{F}$  accuracy.
- Available in a portable unit (shown) or kit form.
- Adjustable visible and audible alarms.

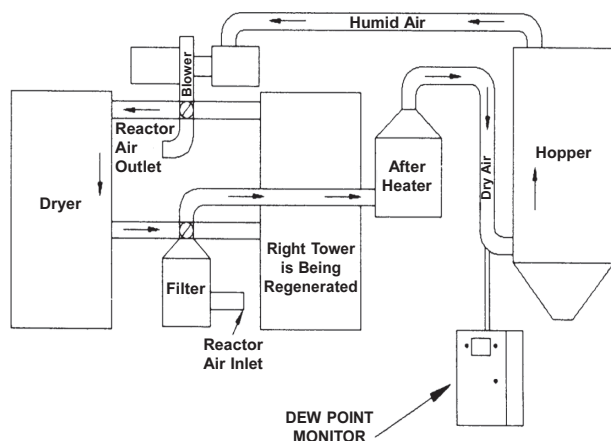
PPE Dew Point Monitors are designed to monitor plastic drying systems. An electronic hygrosensor and digital processing unit guarantee all units maintain accuracy specifications.

The model DPM8072 (shown) is contained in a carrying case for portable use. Built-in vacuum pump samples air through thermoplastic tubing. Capable of monitoring plastic drying systems up to 500°F dry bulb.

The model DPM8073K kit (same circuitry as the DPM8072) is made for permanent mounting in your dryer. Just mount the circuit board in your panel and connect the LED display and dew point sensor. The installation can be further customized by adding alarm lights, alarm horns, or chart recorder connections.



### FUNCTIONAL DIAGRAM



### SPECIFICATIONS

Dew Point Range	-40°F to +15°F
Dew Point Accuracy	$\pm 2^\circ\text{F}$
Max Pressure	7 psig
Sample Air Temperature Range	+0°F to 500°F
Maximum Sensor Temperature	140°F
Display Type	3-1/2 Digit LED 0.5"
Analog Output	4-20mA
Alarm Indicators	Lamps and Audible Alarm
Power Requirement	120VAC, 60 Hz
Enclosure	Instrument case
Size	12.5" x 9" x 5"
Weight	6.2lbs

### - PRICES -

#### PORTABLE DEW POINT MONITOR -40°F TO +15°F

INCLUDES: Instrument Case, 6' thermoplastic sampling tube, air filter, desiccant test tube, & Certificate of Conformance.

Model **DPM8072** ..... **\$1,475.00**

#### DEW POINT MONITOR KIT -40°F TO +15°F

For installation in your drying equipment.

INCLUDES: LED Display, circuit board, sensor & manifold.

Model **DPM8073K** ..... **\$1,050.00**

#### REPLACEMENT DESICCANT TEST TUBE

Part No. **DTR-30** ..... **\$33.00**

#### REPLACEMENT VACUUM PUMPS

Part No. **3305003** - Old Style ..... **\$121.20**

Part No. **3305004** - New Style ..... **\$152.65**

#### IN-LINE AIR FILTER - SEALED (tubing not included)

Part No. **3305005** ..... **\$19.75**

#### INDICATING DESICCANT MATERIAL

Part No. **DID-01** - 1lb. Jar ..... **\$23.00**

Part No. **DID-05** - 5lb. Jar ..... **\$106.00**

#### REPLACEMENT DEW POINT SENSOR (replace every 1-2 years).

Part No. **1205DM** ..... **\$141.60**

#### DEW POINT MONITOR "Tune-Up" (recommended once each year).

Service includes: Cleaning and inspection, replacement of water vapor sensor, air filter, desiccant test tube and thermoplastic tubing, all fittings checked and vacuum/pressure tested, plus a calibration with a new Certificate of Conformance.

"Tune-Up" for **DPM8072** — Part No. **8072CAL** ..... **\$670.00**

"Tune-Up" for **DPM8074** — Part No. **8074CAL** ..... **\$850.00**

"Tune-Up" for **DPM8098** — Part No. **8098CAL** ..... **\$670.00**

For "Before & After" Readings add ..... **\$190.00**



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