

FARROW

°C



ppm<sub>v</sub>



°F



%UR

CO °F  
NO<sub>x</sub> °C  
m/s FPM  
RH

# Dew Point Meters



Compressed air has been one of the utilities most consumed in industrial processes. Every day new applications and technologies are developed using this powerful medium of energy, which leads us to increasingly use the resources of equipment for treatment and purification to obtain the best final product quality.

Among the equipment of treatment, we highlight the compressed air dryers, whose purpose is to remove the water vapor in the air. The correct operation of this equipment ensures productivity, economy and efficiency of the processes.

It is thus very important to control and optimize the operation of such equipment to ensure maximum return to the compressed air system.

The dew point meters **-FARGON-** help to control the operation and also to optimize the operation of drying, thus ensuring maximum savings to the process.

As sample we have the use of the dewpoint meter to control and optimize the operating cycle of the columns of adsorption dryers, optimizing the consumption of compressed air and electric power according to load variations of the device.

**-FARGON-** offers a variety of indicators and gauges dew point to meet the most varied applications and needs moisture control.

### visual indicator of moisture

- This is the most simple and inexpensive humidity indicator.
- Applicable for compressed air and other types of gases.
- Indicates the presence of moisture in a gas through contact by a chemically sensitized hygroscopic material that changes color in the presence of water.



- Continuous operation (online)
- Maximum pressure 16 bar
- Installed through an air connection installed at any point where you want to check the air quality / compressed gas



### Dew Point Meter type dry ice

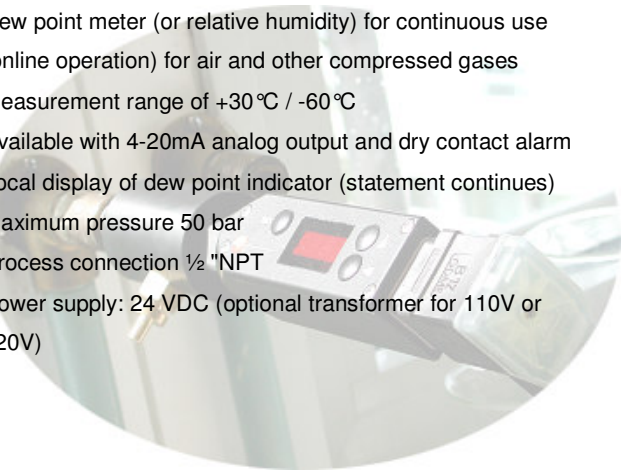
- Dew Point Meter (by sample) based on the use of an inner chamber containing dry ice.
- Applicable for compressed air and other types of gases.
- Measure the dew point (visual reading) by verifying the presence of moisture in the inner chamber of the equipment.
- Measurement range of +50°C / -80°C
- Pressure inside the chamber air adjusted by an inlet valve inlet and exhaust outlet / purge



## Electronic dew point meter

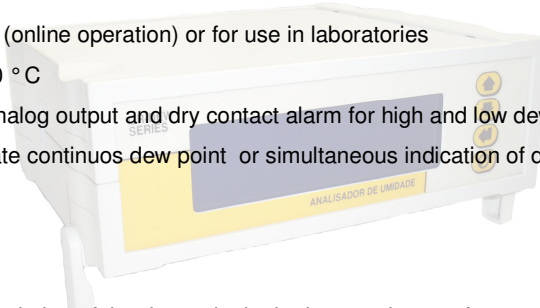


- Dew point meter (or relative humidity) for continuous use (online operation) for air and other compressed gases
- Measurement range of +30 °C / -60 °C
- Available with 4-20mA analog output and dry contact alarm
- Local display of dew point indicator (statement continues)
- Maximum pressure 50 bar
- Process connection 1/2 "NPT
- Power supply: 24 VDC (optional transformer for 110V or 220V)



## Electronic dew point meter with graphic display

- Dew point meter for continuous use (online operation) or for use in laboratories
- Measurement range of +20 °C / -60 °C
- Optionally available with: 4-20mA analog output and dry contact alarm for high and low dew point
- Local display with option of to indicate continuous dew point or simultaneous indication of dew point, relative humidity and temperature
- Power supply: 110 or 220V
- Process connection 1 / 8 "NPT
- Histogram chart type presents the variation of the dew point in the last two hours of operation



**FARGON**<sup>®</sup>  
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