



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

DEW POINT APPARATUS - WITH THERMOMETER



Details:

- Dew point measuring Instrument to solve the dryness measurement problem of compressed instrument air/gas by measuring its dew point. This is an assembly of special alloy mettalic tube which is fixed in a metallic block & transparent bowl. Block is having inlet connection of compressed air/gas whose dryness has to be measured. A glass Thermometer is used to measure the temp. inside the mettalic tube or a digital indicator is used to measure the temp outside the metallic tube surface (in digital model).

Operation:

- Compressed air/gas is connected to the apparatus and is circulated inside the bowl around the tube at atmospheric pressure and vented to the atmosphere. The mixture of dry ice (Co2 ice) and acetone/ether lowers down the temp. of the tube, the temp. is measured with the help of glass thermometer / Digital temp. indicator. (At extra cost) When the brightness of the tube becomes dull due to mist formulation on the tube, temp. is noted down. The temp. is the dew point and corresponding to this, the moisture content of the air can be seen from the table indicated ppm, thus determining its dryness. Max.80 ppm moisture content air is recommended for instrumentation and the corresponding dew point is (-40° C).

- **Glass Thermometer range-100 to +30° C or -80 to +40° C.**

- **Dry Ice Making Machine and CO2 Gas Cylinder is available at extra cost**

Optional Accessories at extra cost:

- Dry Ice Making Machine for Lab: **Price on request.**

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
Tal-Daskroi, Ahmedabad-382 433.
Phone: (079)-3520 8300
E-mail : info@eieinstruments.com

GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F