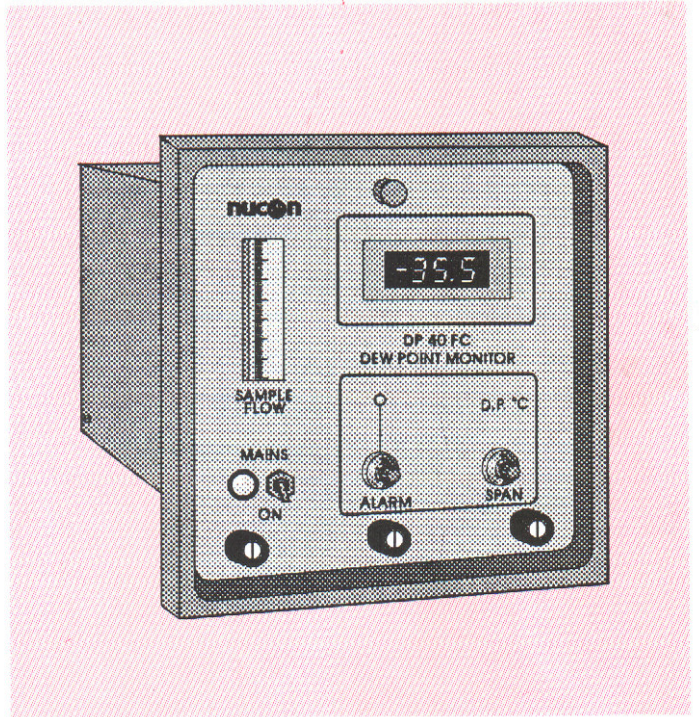


DEW POINT MONITOR

WITH ALARM/CONTROL SET POINT CAN BE USED AS A DEW POINT CONTROLLER

NUCON DP 40/DP 40 FC Dew Point Monitor/Controller provides digital readout for Dew Point. It uses a rugged and sensitive Sensor whose impedance varies with moisture. The range of the instrument is -40.0 deg. C to 0.0 deg. C and resolution is 0.1 deg. C. A Standard 0 to 1 V DC output signal for driving control devices or for connecting recorder is provided.

Optional 4 to 20 mA output available on request. For control applications a variable set point is provided on the panel; the output for control is 1 pole 2 way $6A$ 220 V AC relay whose NO, C, NC terminals are provided at the back for user configuration. The instrument is solid state and is operated on 220 V AC mains power.

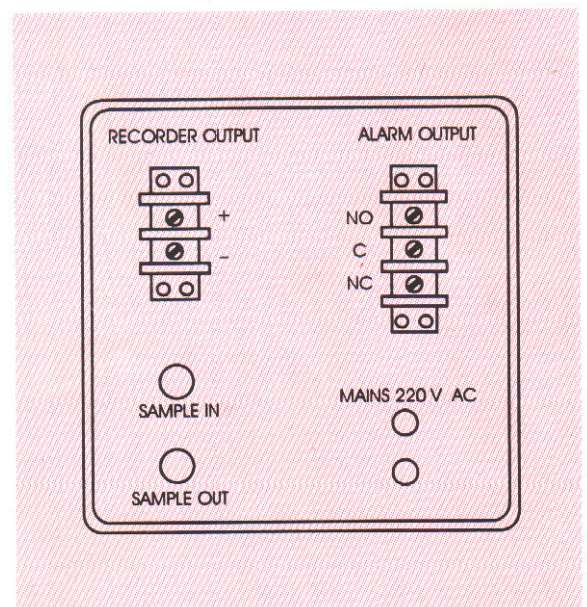


AREAS OF APPLICATIONS

1. Compressed Air Systems
2. Air Dryers/Regenerative Drier Systems
3. Plastic Air Drying Systems
4. Semiconductor Manufacture
5. Medical/Hospital Air Systems
6. PSA Gas Plants
7. Process Industry
8. Laboratory
9. Biotechnology

SPECIFICATIONS

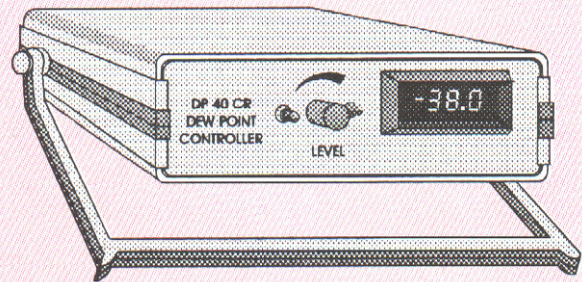
Display Type	: Digital
Dew Point Range	: -40.0 deg. C to 0.0 deg. C
Resolution	: 0.1 deg. C
Power Source	: 220 V AC Mains
Output signal	: (i) 0 to 1 V DC standard (ii) 4 to 20 mA optional
Control output	: $6A$ 220 V relay Status LED on front panel.



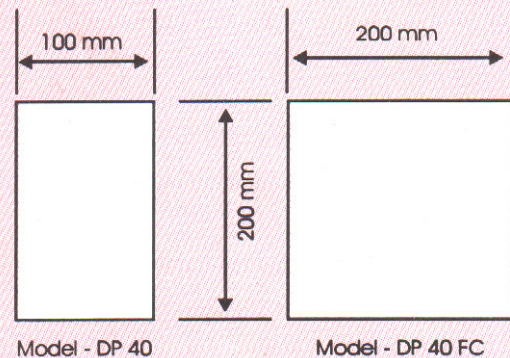
REAR VIEW

MODEL OPTIONS

- (a) Portable Carry mains or mains cum inbuilt rechargeable battery operated
- (i) Model DP 40-CR-IB Inbuilt Sensor Version with Gas inlet and Outlet
 - (ii) Model DP 40-CR-RM Remote Probe Sensor Version for inside pipe installation with $\frac{3}{4}$ " NPT Male Threading.
- (b) OEM Panel Mounting Mains operated. Panel Cutout 100 x 200 mm. Gas Inlet / Outlet provided. Flow controls not provided.
- (i) Model DP 40-PM-IB
 - (ii) Model DP 40-PM-RM
- (c) Panel Mounting cum Bench Top Mains operated; with Flow control Valve, Flow Indicator and By Pass Valve Continuously used for both on -line and off - Line Bench laboratory use. Panel cut out size 200 x 200 mm Model DP 40-FC-IB
- (d) Spare Transducer for DP 40 Series : Model DP - TR



PORTABLE CARRY MODEL



SUGGESTED PANEL CUTOUT

Manufactured by :

NUCON ENGINEERS

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TEL. : 6841013, 6911088, 6823818 FAX : 011-6910815 TELEX : 031-75377-NUON IN

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