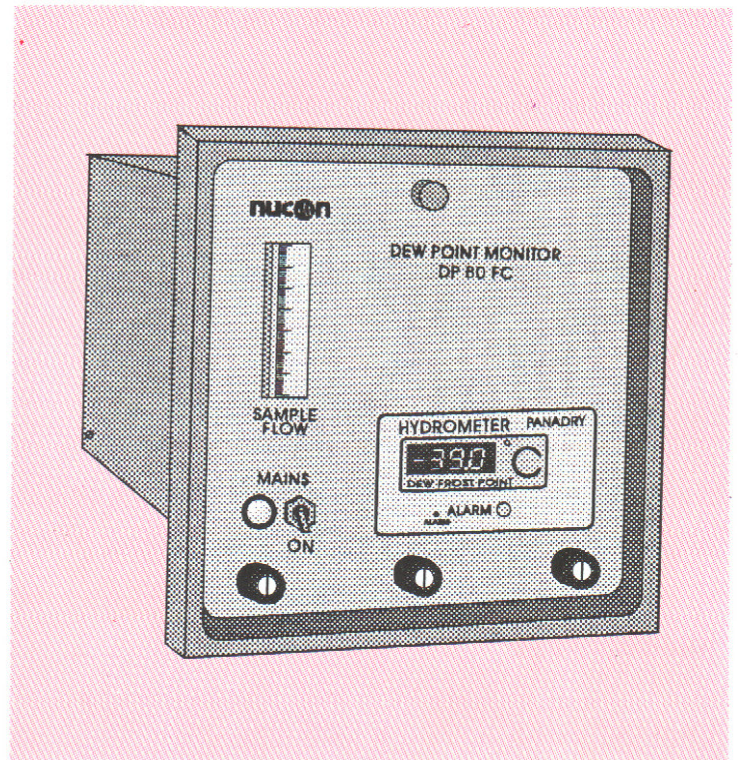


## DEW POINT MONITOR

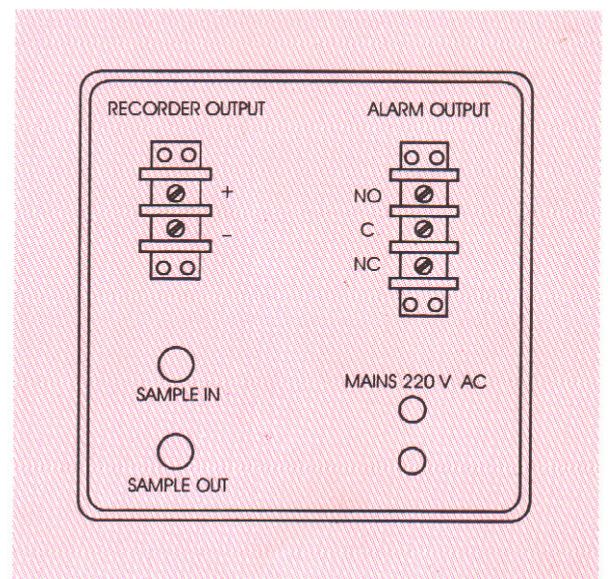
WITH ALARM/CONTROL SET POINT CAN BE USED AS A DEW POINT CONTROLLER

NUCON DP 80 FC provides digital readout for Dew Point. It uses a rugged and Sensitive Aluminium Oxide Sensor whose impedance varies with moisture. The range of instrument is  $-80.0$  deg. C to  $+20.0$  deg. C. A standard 4 to 20 mA DC output signal for driving control devices or for connecting recorder is provided; the output for control is a 1 pole 2 way 24 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. It is used for both online and Bench Top applications.



### AREAS OF APPLICATIONS

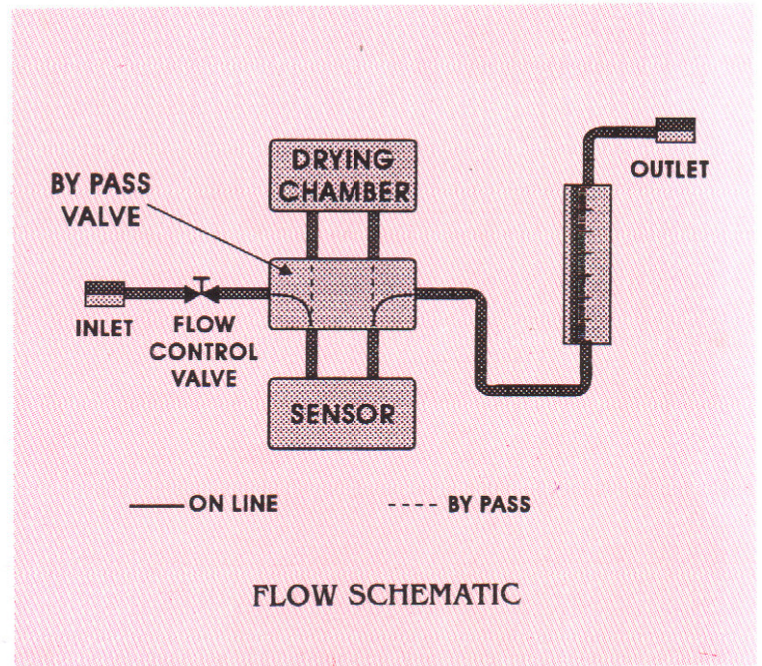
1. Compressed Air Systems
2. Air Dryers/Regenerative Drier Systems
3. Plastic Air Drying Systems
4. Semiconductor Manufacture
5. Medical/Hospital Air Systems
6. PSA Gas Plants
7. Process Industry
8. Laboratory
9. Biotechnology
10. Ultra High Purity Gases/Gas Mixtures



REAR VIEW

## SPECIFICATIONS

<b>Display Type</b>	: Digital
<b>Dew Point Range</b>	: -80.0 deg. C to +20.0 deg. C
<b>Resolution</b>	: 0.1 deg. C
<b>Power Source</b>	: 220V AC Mains
<b>Output Signal</b>	: 4 to 20 mA DC
<b>Control Output</b>	: 1A 24 V relay Status LED on front panel

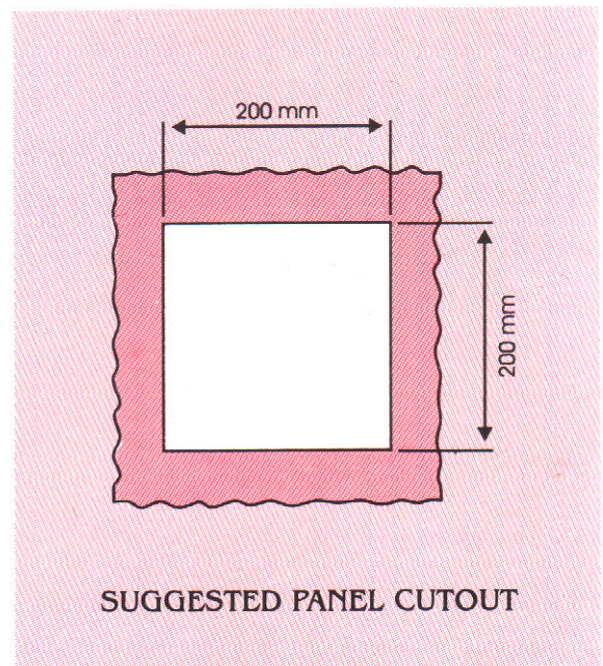


## MODEL OPTIONS

Panel Mounting cum Bench Top with Flow Control Valve, Flow Indicator and By Pass Valve. Can thus be used for both as on-line and off-line Bench Laboratory use

Panel cut out Size 200 x 200 mm.

- (a) With inbuilt sensor : Model DP 80-FC-IB
- (b) With remote sensor : Model DP 80-FC-RM



*Manufactured by :*

## NUCON ENGINEERS

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