

***SuperDew-G-GB* Trace Moisture Analyzer**



The ***SuperDew-G-GB*** Trace Moisture Analyzer is perfect for inert atmosphere glovebox applications. UsedGloveBox.com will provide complete technical support during installation and operation of your moisture monitor. Included are bulkhead fittings to provide a leak free connection to your existing glovebox. The probe sensitivity extends to -80 degrees Celsius dew point. The dew meter/alarm includes a two year warranty.

METER SPECIFICATIONS

Accuracy:	1% across meter range. For Sensor accuracy see sensor specification sheet.
Type:	In-line hygrometer in plastic DIN style case, for panel mounting or table top use, and connection to an external sensor.
Dimensions / Weight:	Overall dimensions: Panel cut-out 135mm x 66mm x 175mm depth Weight: 570g approx.
Display:	Backlit 2cm LCD digital indicating meter showing Dewpoint Deg. C only. (Deg. F. available by special order).
Sensor Connection:	Low loss co-ax cable (75ohms max capacitance of 50pF per metre). Sensor location upto 1000m from meter except after Zener Barrier then 300m.
Power Supply:	110 or 220 V a.c. single phase 50 or 60 Hz, 24 V d.c.
Outputs:	Alarms:2 Relays rated at 240V 3A Analogue: 4-20mA and 0-1 V, others by special request
Calibration:	Autocal on all but Blue range.

SENSOR PROBE SPECIFICATIONS



Dew Point Meter Sensor

Model **SD-G Grey Spot (-80/0C)**

Accuracy:	For P, G and R ranges +/-1ppm at dry limit, +/-3 deg.C DP across range. For all other ranges +/-4 deg.C DP. LoSpec LS GY +/-7 deg. C DP
Dimensions / Weight:	Overall length: 141mm, protruding 68mm, Thread 14mm x 1.25mm pitch, weight approx. 150g
Sensor Connection:	PAL TV Type connector to low loss co-ax cable (75 ohms max impedance, capacitance of 50pF per metre). Sensor location upto 1000m from meter except after Zener Barrier then 300m.
Sensor Materials:	High purity aluminium, PTFE, gold, nylon and modified molecular sieve.
Sampling:	Pressure upto 200 Bar preferably atmospheric with flow rate of 1 - 5 litres/minute in Shaw Sensor Holder.
Black List Gases:	Ammonia, Chlorine, acidic and caustic gases and any known to corrode any of the sensor materials listed above.
Calibration:	Autocal on all but Go, Bl and Gn ranges.
Certification: I.S.	Baseefa no 72145/B. FM & CENELEC approved.
Certification: Accuracy.	NPL traceable calibration available.



Bulk head fitting to mount sensor probe to wall of glovebox