

HYGROMETER ACCESSORIES



CALCULATOR

The Shaw calculator brings together many different measurement units and also enables calculations to be made for moisture levels at different pressures.



On one side is a conversion table showing dewpoint temperature in Fahrenheit and Centigrade, with the equivalent moisture levels in mg/water per litre, lbs/water per million cubic feet, parts per million water vapour by volume and water vapour pressure in mm of mercury.

The other side (illustrated here) enables any dewpoint temperature at any given pressure to be converted to the equivalent dewpoint temperature at any other pressure – with the moisture content in parts per million also shown.

SENSOR HOLDER



The Shaw Sensor Holder is manufactured from solid stainless steel and makes installation of the sensor very easy. The inlet and outlet connections are fitted with high quality stainless steel compression fittings designed for 1/8" (3 mm) outside diameter stainless steel or copper pipe. On request we can supply fittings for 1/4" (6.35 mm) or 6mm od pipe. We do not recommend using larger pipes as this would cause the system to have a longer response time. The unit has a design pressure rating of 245 bars (3600 psig) and can be supplied oxygen cleaned as if required.

FLOW INDICATOR

This compact flow indicator can be used where visual indication of sample flow is required. A fine needle valve is incorporated, and the unit is calibrated for the range 1 to 10 L/min. air at NTP. Supplied complete with fittings for 1/8" od copper or stainless steel piping with fittings for 1/4" or 6mm od pipe available on