

DG2

Dew-Point Generator



Technical Specifications

Mixing stages	2 stage
Humidity range	-75...+20 °Cdp (-103...+68 °Fdp)
Gas supply	8 NI/min (17 scfh) -1 air @ 1 barg (11 psig) and -75 °Cdp (-103 °Fdp)
Gas output	1...5 NI/min (2.1...10.6 scfh) air @ 0.5...1 barg (7...14 psig)
Filter	Particulate filter
Saturator	Polycarbonate and porous polyethylene sinter
Heating	Finned heating elements, 500 watts, fan circulation
Power supply	220...240 V, 50Hz or 100...120 V; 60Hz
Storage temperature	+5...+40 °C (+41...+104 °F) (with saturators empty)
Operating temperature	+18...+24 °C (+64...+75 °F)
Enclosure size	19" sub-rack x 12U high x 400 mm (15.8") deep
Weight	20 kg (44 lbs)

The DG2 has two stages of gas-flow mixing which allow it to generate dew points down to -75 °Cdp (-103 °Fdp). The great strengths of the DG2 are its ease of use and its flexibility in manually generating an accurate target dew point by fine tuning the gas mix via its flow metering valves. Infinite mixing is achievable within its working range.

Highlights

- Operation range of -75...+20 °Cdp (-103...+68 °Fdp) suiting the vast majority of calibration requirements
- Simple operation through manual flow mixing
- Flexibility in generating precise target dew-point temperature
- Generated output responds quickly to a change of set point
- Stable humidity generation

Dimensions

