Dew point generator TPG 1

Generating precise dew points.

Generating and representing freely selectable dew points.

- TPG 1 generates an air flow with defined humidity from a compressed air supply with a dew point of −70°C TP
- reference for control internally or externally
- air flow with fixed set value or as ramp function with a defined slope
- parts touching the medium made of stainless steel, glass, brass, PTFE, NBR, PUR, aluminium, nickel (among others)

Features

- flow rate max. 2 l/min
- accuracy typically ± 2% TP (other accuracies on request)
- 10”-display with touch
- mixing chamber procedure
- generated humidity ranging from −50°C dp to +10°C dp
- high long-term stability
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Service
- recalibration and maintenance

Technical data
- supply
  230V AC, 50 – 60 Hz
- power input
  50W
- interfaces
  RS232, 4 – 20 mA input
- optional outputs
  4 × 4 – 20 mA
- operating temperature
  +10°C to 40°C
- protection type
  IP20
- housing
  19", 6HU
- mass
  25 kg