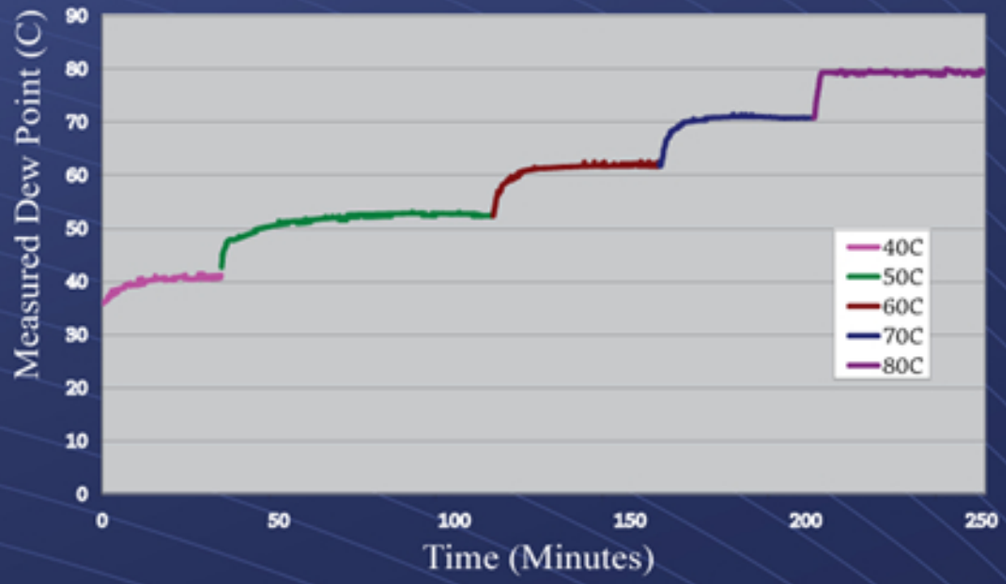
VIASENSOR HS-1000

VIASENSOR
Dew Point at Different Temperature Settings
of a Bad Humidity Bottle (40-70 C)

Real-time laser-based measurements of humidity detect severe anomalies that are averaged out in many other techniques. The spikes at each temperature are condensation and evaporation of water droplets which can occur in an unoptimized humidification system.

Real-time measurements allow for the design on an optimized humidification system.

VIASENSOR
Dew Point at Different Temperature Settings
of a Good Humidity Bottle (40-80 C)



Ability to calculate relative humidity (RH) with customer temperature data

Prevents costly fuel cell failures with known humidity measurement results

Increases fuel cell performance with accurate cell humidification