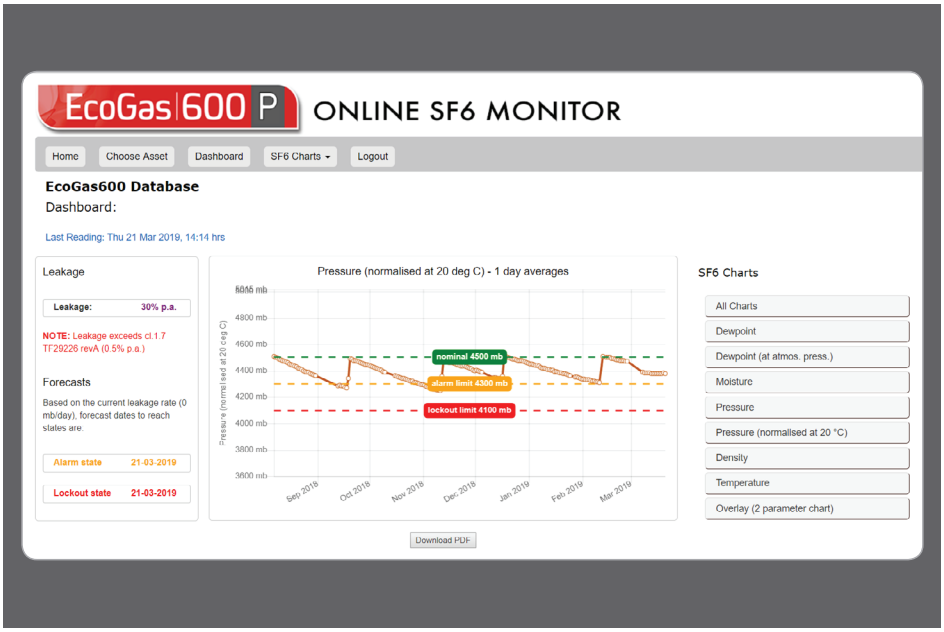
THE HIGH VOLTAGE EXPERTS

EcoGas 600 P

Accurate remote monitoring of SF6 gas status



FEATURES

- Compact field solution
- Local display of key SF6 gas status measurements and alarm conditions
- Continuous SF6 emission and leak rate calculation by asset
- EcoGas600D Database Integration
- View field data in real time
  - Predicted time to top up
  - Predicted time to lock out
  - Parameter rate of change alerts
- Remote communications options

Cost effective SF6 gas monitor solution optimised for remote monitoring, providing a range of measured and calculated parameters.
Provides accurate real time data, local and remote alarm flags and SF6 gas condition indication.
When integrated with the EcoGas600D database, historical and real-time leak rate data is available to update existing asset management platforms.

Technical Data

Measured Parameters

Dew point	-50 ... +30 °C (-58 ... +86 °F)
Pressure, absolute	1 ... 12 bar (14.5 ... 174 psi)
Temperature	-40 ... +80 °C (-40 ... +176 °F)

Measurement Performance

Dew point accuracy	±3 °C (±5.4 °F)
Dew point stability	Typical drift < 2 °C (3.6 °F) / 5 years
Pressure accuracy at +23 °C	±0.4 %FS
Pressure stability	Typical drift < 1 %FS / 5 years
Temperature accuracy	0 ... +40 °C: ±0.5 °C -40 ... 80 °C ±1 °C
Typical ppm accuracy (5 ... 1000 ppm, 7 bar)	±(7 ppm + 15 % of reading)

Calculated Parameters

Pressure normalized to +20°C	(+68 °F)1 ... 12 bar (14.5 … 174 psi)
SF6 mixture density	0 ... 100 kg/m3
Dew point, converted to Atm	-65 … +30 °C (-85 ... +86 °F)
Moisture by volume, ppm	40 ... 40 000 ppm
SF6 leak rates	User Config.
Emission reporting	User Config.
Low Density Alarm	User Config.
Time to Top Up Alarm	User Config.
Dew Point Limit	User Config.

www.ecogas600.com

@ enquiries@ecogas600.com