

Purity Pro AV³

H₂O/Purity/Decomposition



The COSA Purity Pro AV³ combines Cosa's proven industrial standard Model XPDM moisture measurement with Cosa's field tested state of the art optical purity analyzer and adds a decomposition/break down measurement.

The modular design offers three critical SF₆ measurements in one light weight affordable package.



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Purity Pro AV³

Light Speed Measurement

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Applications:

- Electrical Substations
- Circuit Breakers
- Transformers
- Switchgear
- SF6 Gas Recycling Units
- Electron Microscopes
- Particle Accelerators
- Magnesium Production and Casting



Benefits:

- Small Size
- Light Weight
- No Warm Up Time
- Quick Response
- Easy Operation
- 20 Hours of Battery Life
- Data Storage Capabilities
- High Pressure Sampling
- Full Range 0-100%



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Specifications:

Measuring Gas	SF6 (Sulphur Hexafluoride)
Measuring Range:	0-100 vol. % SF6 Purity -100 - +20C Dewpoint 0-30 ppm Decomposition
Resolution:	0.1%
Indication Accuracy: +/- vol. %	+/- 1 vol. %
Detection:	Interferometer AL2O3 Electro Chemical
Sampling Method:	Internal Pump
Sampling Pressure:	1.5 to 7.0 bar inlet pressure
Flow Rate:	>0.4 l/min
Alarm Indication:	Buzzer, LCD-Notification
Alarm Types:	System Error, Low Battery, Sensor Connection, Calibration Error
Response Time:	Approx. 30 seconds
Dimensions & Weight:	WxLxH: 9.19 x 13.25 x 11.5 mm -Approximately 25 lbs (12kg)

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