

# SF6 Gas Analyzer

## General information about ADSF-2000 SF6 Gas Analyzer (3-in-1)

ADSF-2000 SF6 Gas Analyzers can test SF6 humidity, SF6 decomposition products, SF6 purity, which can finish two items detection in one on-site measurement, saving gas in the equipment.

### Features:

- ✓ Color LCD display, real-time show kinds of parameters
- ✓ Large information storage
- ✓ Built-in rechargeable battery, AC/DC power available
- ✓ Automatic zero calibration
- ✓ Electronic flow display
- ✓ Measurement data print
- ✓ Measurement data storage
- ✓ Intelligently display electricity quantity
- ✓ User-defined reports
- ✓ Support data communication
- ✓ Support file system
- ✓ Self-diagnostic function
- ✓ Graphical Menu.



## Technical specification of the device:

### SF6 Humidity:

- Measuring range: dew point -80 ~ +20 °C (support ppmv, etc.)
- Dew point accuracy:  $\pm 0.5$  °C (when the dew point temperature is below 0 °C, the sensor output for the frost point)
- Repeatability:  $\pm 0.5$  °C
- Gas flow: SF6 adjustment in 0.5 ~ 0.9L/min
- Measuring range: 0 ~ 100% SF6
- Accuracy and repeatability:  $\pm 0.5\%$ , nothing to do with the flow

### SF6 decomposition products:

- H2S:1 ~ 200ppm (standard)
- SO2:1 ~ 100ppm (standard)
- HF:0 ~ 10ppm (optional)
- Accuracy:  $\pm 1$ ppm

