SF6 Decomposition Products Tester

The SF6 gas decomposition products tester provides a simple on-site detection method for SF6 decomposition products. During use, it is connected to a gas chamber filled with SF6 gas equipment under pressure, and SF6 gas is allowed to flow through the electrochemical sensor at a certain flow rate. The sensors all use high-quality imported sensors with reliable performance and long-life design, ensuring the accuracy and reproducibility of the measurement results.

Product features

1. Long life detection components
2. Direct measurement without colorimetric tube or sensor
3. High accuracy and good repeatability
4. Built-in pressure regulator and electronic mass flow meter
5. Large color LCD display
6. Lithium battery power supply, AC and DC dual-use
7. The instrument comes with cleaning function

Product specifications and technical parameters

Model	**RDFJ-708A**	**RDFJ-708B**
Name	Technical parameters	Technical parameters
Measuring range	SO2: 0 ~ 100μL/L H2S: 0 ~ 100μL/L CO: 0 ~ 1000μL/L	SO2：0 ～ 100μL/L H2S：0 ～ 100μL/L CO: 0 ～ 1000μL/L HF: 0 ～ 10μL/L

Measuring accuracy	**SO2：** ● When the measured value ≤10μL/L, the error±0.2μL/L ● When the measured value≥10μL/L, the error≤±3% **H2S：** ● When the measured value≤10μL/L, the error±0.2μL/L ● When the measured value≥10μL/L, the error≤±3% **CO:** ● When the measured value≤50μL/L, the error±0.5μL/L ● When the measured value≥50μL/L, the error≤±4%	**SO2：** ● When the measured value ≤10μL/L， the error±0.2μL/L ● When the measured value≥10μL/L， the error≤±3% **H2S：** ● When the measured value≤10μL/L， the error±0.2μL/L ● When the measured value≥10μL/L， the error≤±3% **CO:** ● When the measured value≤50μL/L， the error±0.5μL/L ● When the measured value≥50μL/L， the error≤±4% **HF:** ● The error of measured value≤±0.1μL /L
Repeatablity	**SO2：** ● When the measured value≤10μL/L，the repeatablity≤±0.1 ● When the measured value≥10μL/L,the repeatablity≤±2% **H2S：** ● When the measured value≤10μL/L,the repeatablity≤±0.1 ● When the measured value≥10μL/L,the repeatablity≤±2% **CO:** ● When the measured value≤50μL/L,the repeatablity±0.3 ● When the measured value≥50μL/L,the repeatablity≤±3%	**SO2：** ● When the measured value≤10μL/L，the repeatablity≤±0.1 ● When the measured value≥10μL/L,the repeatablity≤±2% **H2S：** ● When the measured value≤10μL/L,the repeatablity≤±0.1 ● When the measured value≥10μL/L,the repeatablity≤±2% **CO:** ● When the measured value≤50μL/L,the repeatablity±0.3 ● When the measured value≥50μL/L,the repeatablity≤±3% **HF:**

		● The repeatability of measured value≤±0.1
Resolution	0.1μL/L	0.1μL/L
Sampling flow	0.2L/min	0.2L/min
Measuring time	≤180S	≤180S
Working environment	Temperature-10℃ ~ +50℃,Humidity0 ~ 90%RH	Temperature-10℃ ～ +50℃,Humidity0 ～ 90%RH
Supply power	Lithium battery power supply, AC and DC dual-use, automatic switching, overcharge and over discharge protection function	Lithium battery power supply, AC and DC dual-use, automatic switching, overcharge and over discharge protection function
Dimension	330(mm)×220(mm)×150(mm) ;	330(mm)×220(mm)×150(mm)；
weight	4.6KG	4.8KG

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