



SF6 GAS QUALITY ANALYZER WITH GAS RETURN SYSTEM



Special Features:

1. High Accuracy and Repeatability in Dew Point Measurement.
2. Battery Operated and Measurement Data Recording Facility.
3. Transportable, Robust and Lightweight.
4. Easy Maintenance and Cost Effective Calibration.
5. Highly Efficient for Indian Climatic Conditions.
6. Measurement Of Dew Point Of N2 & Dry Air.
7. Compatible For EMI/EMCT.

Product Description:

JE 1100-SF6 is an advanced analyzer for the measurement of Dew Point, SF6 Gas purity And SO2 in SF6 gas insulated switchgear (GIS) and outdoor SF6 gas circuit breakers. The analyzer has in-built storage bag for collecting sample gas during measurement. The measured gas can be pumped back into the gas compartment by means of a built-in compressor. JE 1100-SF6 is based on environment safe zero emission principal

TECHNICAL SPECIFICATIONS

Model	Jl 1100-SF6
Measurement Parameters	SF6 Purity, Dew Point, SO2
Measuring Range & Resolution	SF6 Purity : 0 to 100% 0.1% volume SF6 Dew Point : -60 degC to + 20degC 0.1 degC SO2: 0 - 100 PPM
Accuracy	SF6 Purity : +/- 0.5 % FS SF6 Dew Point : +/- 2 degC FS SO2: +/- 3 PPM
Operating Temperature	-10 to +50 °C ,Rh - 0 to 95%
Power Supply	230V AC Supply, 50 Hz



TECHNICAL SPECIFICATIONS

Printer	In-built for Instant printout of the results
Input Pressure	0.5 to 35 Bar
Pump Back Pressure	Maximum 10 Bar
Battery	Li-ion rechargeable
Display :	7" LCD
Dimensions	W X H X D : 425 X 275 X 185 mm
Weight	12 Kg
Accessories	DN8, DN 20 Couplings, 6M Sampling Hose
Test Leads and Accessories	Complete set of Hoses, pipes, coupling, valves etc. for measurement (Min. 10 meter Length) with suitable adaptors for connection with Equipment (BHEL, CGL, ABB, Areva, Siemens, Trench make CBs/CTs etc.)
Calibration Interval	Every 2 Years

IMPORTANT FACTS ABOUT SF6 GAS:

SF₆ is a Greenhouse gas with the highest global warming potential of 22800 times higher than CO₂.

If 1 Kg of SF₆ gas is released into the atmosphere then it is equivalent to releasing 22800 Kg of CO₂ gas into the atmosphere.

SF6 Parameter	Permissible Limit
Purity	> 97%
Dew Point	> - 36 degC

Jupiter Integrated sensor systems Pvt Ltd

A-401/405, Kailash Industrail complex,
Veer Savarakar Marg, Near Nagababa Temple,
Vikroli west, Mumbai 400079

☎ : 022 25186470 /71 /72
✉ : dinesh@jupiterelectronics.co.in
🌐 : www.jupiterelectronics.com