



## GDJD-3A SF6 gas Density Relay Calibrator



### Product Description

GDJD-3A SF6 gas Density Relay Calibrator is automatic calibrator, which uses embedded microprocessor to proceed performance calibration for all kinds of SF6 gas density relay. It is also a portable device which can make standard conversion for SF6 gas pressure at any environmental temperature. This device is mainly used for SF6 gas products production, maintenance and monitoring in power system.

## Features

- Automatically calibrate density relay and pressure gauge.
- Compact design, small size, and light weight, easy to carry.
- Color LCD screen, Windows menu.
- The power supply has UPS function, suitable for field operation.
- With mini-printer, to print test result directly.
- Good sealing property, do not waste SF6 gas during calibration.
- The two ends of connection pipe has fast check valve, easy operation and avoid water and air entering into the pipe. No need to dismantle most of density relay to calibrate directly.
- There is automatic voltage protector for sampling point. If sampling point clip misconnecting with 220V voltage, it will not destroy device.

## Functions

- Automatically measure pressure when SF6 gas density relay alarm or disalarm at any environmental temperature. It also can convert it to standard pressure at 20°C, to realize alarm performance calibration.
- Automatically measure pressure when SF6 gas density relay interlock or relive interlock at any environmental temperature. It also can convert it to standard pressure at 20°C, to realize interlock performance calibration.
- If there is pressure gauge or density meter of tested SF6 gas density relay, it can calibrate the accuracy of pressure gauge or density meter.
- Convert the SF6 gas pressure into standard pressure at 20°C.
- Convert the standard pressure at 20°C into pressure at any temperature.
- Set multiple measurement for one density relay. The measurement result is average value.

## Specifications

- Power supply: AC/DC use, built-in rechargeable battery, AC 220V $\pm$ 10%, 50Hz.
- Accuracy: Class 0.25.
- Display: 3.5inch true color LCD screen.
- Printer: Needle type microprinter
- Measurement pressure range: 0-1.0Mpa
- Calibration pressure range: standard pressure 0-0.9Mpa at 20°C.
- Temperature range: -50°C--100°C
- Dimension: 258\*240\*88mm
- Weight: about 2.5kg.
- Pressure resolution: 0.0001Mpa.
- Temperature resolution: 0.1°C
- Storage capacity: 50-100pcs.
- Communication port: USB2.0