

Wuhan HTMD-H SF6 Density Relay Tester



I. Introduction

The calibrator using pressure sensor with high accuracy and high speed A / D converter, with 32 bit high performance microprocessor can to check the performance of various SF6 gas density relay, accurate measurement of signal action when the temperature pressure value, automatically any temperature of 20 DEG C standard pressure conversion, and has printed, stored and U disk functions, and automatic recognition of faults in the process of testing. The product has the advantages of convenient carrying, simple operation, high test precision, strong stability and good reliability, and is characterized in that the instrument is "intelligent".

II.Features

1. High precision: the core components are imported devices, high integration, high precision, good repeatability, high reliability.
2. Highly intelligent: the calibration process without the constant temperature room, in any effective temperature range can test the SF6 gas density relay, pressure gauge. Pressure and temperature dynamic compensation algorithm is used to automatically complete the pressure measurement and 20°C equivalent, completely solve the problem of SF6 gas density relay field calibration difficult.
3. Powerful: can test a set of alarm signals, two groups of blocking signals, and has the normal temperature pressure gauge and 20 degree pressure gauge calibration function.
4. Friendly man-machine interface: the configuration of large LCD screen and the rotation mouse human-machine interface, easy to operate, beautiful interface, all parameters and status at a glance. Test process automatically completed, without manual intervention, to avoid tedious manual gas path adjustment operation.
5. Transition joints: portable instrument, equipped with a variety of types of transition joints, most types of switch density relay calibration site without disassembly, it is the best choice for SF6 density relay calibration.
6. Less gas consumption: gas consumption is very small, without waste SF6 gas, test costs are low, no pollution.
7. Data storage: built-in memory, real-time storage test results, with power down data saved function, check and print the history of test data at any time.
8. Report printing: report forms print test result, and carries on the intelligence analysis to the test result.
9. Clock modification: with the function of online modification of the system clock.
10. U disk to save: support U disk to save the test data, read through the PC, easy and fast operation
11. PC software powerful: easy to operate, to achieve data analysis, save, print and generate test report, convenient for data centralized management

III. Parameters

Working voltage	AC220V, 50Hz			
Power	50W			
Accuracy	0.2			
Pressure measurement range	0~1MPa			
Pressure measurement resolution	0.001MPa			
Temperature measurement range	-20°C~80°C			
Temperature measurement resolution	0.1°C			
Humidity	≤90%RH			
Test objects	Single alarm, single atresia, single alarm & single atresia, single alarm & dual atresia			
SF6 density display mode	The pressure in the test environment, the equivalent pressure at 20°C			
Display	320×240 LCD			
Operation	Rotating mouse			
Printer	High-speed micro printer			
Print method:	Report type			
Storage Capacity	Save 50 test results at the same time			
Dimension	Host	400×320×160mm	Weight	6.2kg
	Accessory	400×370×200mm	Weight	4.8kg

IV. Accessories





Test Pipe



Intake Pipe



Gas Tank



Manual, Report, Certificate