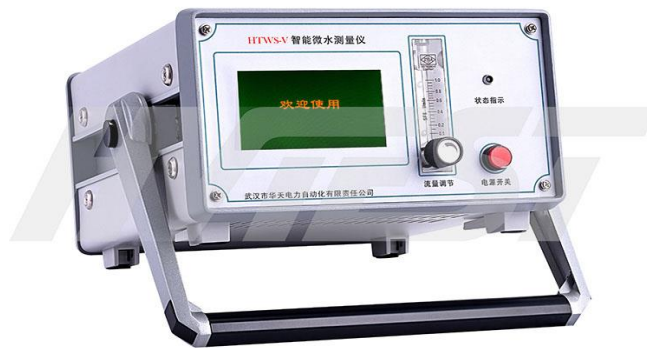


Wuhan HTWS-V Dew Point Meter



I. Introduction

HTWS-V is researched and designed by using imported high-precision dew point sensor and the latest digital circuit control technology, which is the intelligent precision instrument to measure the moisture content of the SF6 gas

The instrument uses intelligent self-calibration technology, wide measuring range, fast response, high accuracy, good linearity, dynamic display measurement curve. While the instrument with automatic dryer, can greatly shorten the measuring time.

II. Features

1. High stability: Under severe interference conditions, the measurement data can be stabilized within ± 0.5 °C, with excellent long-term stability, good repeatability
2. High precision: Adopts imported with original packaging high-performance dew point sensor and high-speed 12 Σ - Δ AD analog-to-digital converter (ADC), the highest resolution reaches 0.1 °C, fully meet the requirements of the actual measurement. The measurement results are accurate and reliable within full range. Wide measuring range, fast response, stable and reliable
3. Intellectualized: Boot self-calibration, the sensor probe can be automatically calibrated zero, automatically eliminate systematic errors introduced by zero drift, to ensure the accuracy of measurement
4. Multiple protections: With oil filters, not affected by dust particles and most of chemical contamination, to protect sensor resistance to oil, very suitable for use in industrial environments. Dryer can effectively protect the dew point sensor probe, prolong the service life of the sensor
5. Rapid to save gas: after boot into measurement, the measurement time of dew point is 3 ~ 5min. First use need to dry pipelines and sensors, slightly longer time
6. Powerful function: 4.7 inch colors touching LCD display. Direct display dew point value (°C), micro-water value ($\mu\text{L} / \text{L}$), date and time, dynamic display dew point measuring curve. Real-time save measurement data, can store up to 100 sets of measurement data
7. Communication: RS232 interface can be connected to PC serial port, convenient for further process data
8. Easy to use: Adopts imported self-locking connectors, easy to plug in or draw out, safe and

reliable, no leakage. Touching buttons easy to operate and improve work efficiency. Built-in rechargeable lithium battery, small in size, light in weight, easy to carry.

III. Parameters

Measurement Range	Dew point value	-80°C~+20°C
	Micro water value	0~19999uL/L
Accuracy	±0.5°C (-60°C~+20°C)	
	±1.0°C (-80°C~-60°C)	
Resolution	Dew point value	0.1°C
	Micro water value	1uL/L
Response time (+20°C,0.1Mpa)	63% need 5s, 90% need 45s (-60 °C ~ +20 °C)	
	63% need 10s, 90% need 240s (+20 °C ~ -60 °C)	
Sampling flow rate	0.6L/min±20%	
Pressure range	0~1.0Mpa	
Temperature	-20°C~+60°C	
Humidity	0~100%RH	
Storage Temperature	-20°C~+80°C	
Charging time	4 hours	
Dimension	250×150×300mm ³	
Weight	3.5kg	

IV. Accessories





RS232 Cable

Material Tape



Exhaust Pipe

Intake Pipe



manual,report,certificate