

# Dew Point Tester

## General information about ADSF-2000DP Dew Point Tester

ADSF-2000DP is ideal instrument when it is necessary to test low dew point and control dry point. It has chemical materials clearing option, which can measure accurately in the environment of high density chemical materials and cleanser. This function can be executed online by control system, also executed regularly by preset time interval.

### Features:

- ✓ Zero point calibration, with curve correction.
- ✓ With large storage memory and inquiry function.
- ✓ Fast measurement speed.
- ✓ Easy operation, portable to carry.
- ✓ Good repeatability and fast response speed.
- ✓ Temperature compensation function.
- ✓ AC/DC power supply, built-in rechargeable Li battery, with over-charge and over- discharge protection.



## Technical Specification of the device:

- Measurement range: dew point  $-80^{\circ}\text{C}$ -- $+40^{\circ}\text{C}$  or  $-60^{\circ}\text{C}$ -- $+60^{\circ}\text{C}$
- Accuracy:  $\pm 0.5^{\circ}\text{C}$ (with certain range)
- when the dew point temperature is below  $0^{\circ}\text{C}$ , the sensor output is the frost point)
- Response time: 63% [90%]  $+20 \rightarrow -20^{\circ}\text{C}$  Td 5s[45s] ;  $-20 \rightarrow -60^{\circ}\text{C}$  Td 10s[240s]
- Resolution: dew point  $0.1^{\circ}\text{C}$  or  $0.1\text{ppm}$
- Repeatability:  $\pm 0.2^{\circ}\text{C}$ ;
- Gas flow: 0.5-0.9L/min(SF6 gas or other gas); 0.1-0.4L/min(H2 gas)
- Pressure measurement: 0-1.0Mpa
- Probe protection: stainless steel sintering filter
- Power supply: 110-220VAC, or Li battery.
- Storage temperature:  $-40$ -- $+70^{\circ}\text{C}$
- Operation temperature:  $-35$ -- $+60^{\circ}\text{C}$
- Pressure: 0-20bar
- Storage: 50pcs data.
- With management software, including report printing, electronic quality flow meter.
- Dimension: 258\*240\*88mm
- Weight: about 3.5kg

