

Seasy-152P Dewpoint Transmitter for Low Dew Point Measurement



The powerful Seasy-152P measures dew point down to -100 °C.

Features/Benefits

- Accurate
- DRYCAP® technology with a polymer sensor
- Measures dew point down to -100 °C
- Reduced maintenance costs due to long calibration interval
- Fast response time
- Withstands condensation
- NIST traceable for sensor
- Applications: Gas pipeline, SF6 monitoring, pure gases, and high-voltage circuit breakers

Seasy-152P

The DRYCAP® Dewpoint Transmitter Seasy-152P is designed for measuring low dew point in OEM applications, even down to -100°C . The excellent long-term stability and reliability of its performance is based on the latest DRYCAP® polymer sensor technology.

Low Maintenance

The Seasy-152P mechanics have been designed for harsh environments requiring protection against dust, dirt, and splashed water.

The DRYCAP® technology has a low maintenance need due to its excellent long-term stability and durability against condensation.

Applications

The Seasy-152P is an ideal choice for industrial applications where it is necessary to control very low humidity. Most typical areas of use are air and plastics dryers, dry chambers, pure gases, and high-voltage circuit breakers.

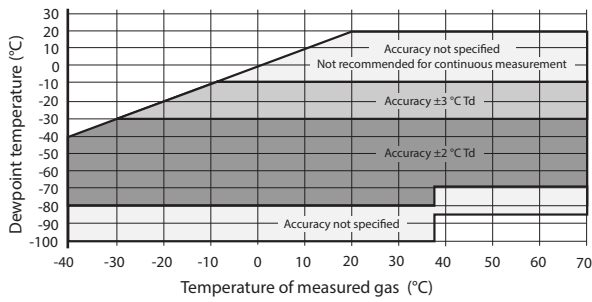
The Seasy-152P measures accurately and reliably also in the challenging combination of low humidity and hot air, which is typical in plastics drying, pure gas etc.

Technical Data

主要特点

1. 同时显示露点、湿度、20℃湿度。
2. 零点自动校准。
3. 斜率自动校准。
4. 5.6英寸，26万色，640×480液晶触摸屏。
5. 露点曲线实时显示。
6. 整个检测过程一界面完成，方便快捷。
7. 背景切换功能，方便阳光下检测。
8. 超大容量记录存储空间。
9. 推荐校准周期：2年。

Accuracy over temperature range



技术指标

传感器 DRYCAP®180U
高分子薄膜聚合物传感器

1. 露点测量范围: $-100 \sim +20^\circ\text{C}$
2. 露点精度: 测试精度优于 $\pm 0.2^\circ\text{C}$ (在一定量程内)
(当露点温度低于 0°C , 传感器输出为霜点)

响应时间:
 $+20 \rightarrow -20^\circ\text{C}$ Td 5s[45s]
 $-20 \rightarrow -80^\circ\text{C}$ Td 10s[240s]
 $-80 \rightarrow -100^\circ\text{C}$ Td 60s[540s]

分辨率: 露点 0.1°C
重复性: $\pm 0.2^\circ\text{C}$
气体流量: $0.5 \sim 0.9\text{L/min}$
压力测量: $0 \sim 1.0\text{MPa}$
探头保护: 不锈钢烧结过滤网
工作电压: $110 \sim 220\text{VAC}$, 交直流两用
储存温度等级: $-40 \sim +70^\circ\text{C}$
输出接口: RS232 或 RS485
操作环境:
温度: $-35 \sim +60^\circ\text{C}$
压力: $0 \sim 20\text{bar}$
样气流速: 无影响

电源: AC220V, 50HZ
内置锂电池, 可连续工作5小时。
外形尺寸: $L37.5\text{cm} \times W25.6\text{cm} \times H13.5\text{cm}$
净重: 4KG

Seasy Instruments

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