

SS1000便携式水气分析仪

响应快速，操作简单，是天然气管路应用场合中测量验证的理想选择



优势:

- 轻质量，便携式，操作简单
- 电池供电，简单可靠进行现场检查
- 无湿润或干燥延迟，测量快速、精确
- 蒸汽中夹杂的杂质（比如乙二醇、甲醇、胺、硫化氢或硫醇）不会引起污染或漂移

产品规格参数

- **Measured Variables** Concentration Dew Point Cell Pressure Cell Temperature
- **Hazardous area approvals** None

详细信息和最新价格参见:

www.endress.com.cn/SS1000

应用领域: SS1000便携式气体分析仪质量轻，由电池供电，可靠进行H₂O测量结果验证，能够用户现场检查。在天然气管路应用场合中，质量不佳的测量结果会导致成本上升。传感器性能异常，直接导致附加处理或脱水成本、不稳定的工况、生产中断和不一致测量结果。SS1000识别性能差的传感器，精准测定高湿度，用作测量验证的标准。

特征和规格

H2O

测量原理

TDLAS

H2O

Product Headline

Portable, light weight, easy to handle, and battery-powered moisture (H2O) analyzer, used to verify measurements and for spot-checking when other methods provide questionable results. The sensor measures gas using Tunable Laser Diode Absorption Spectroscopy (TDLAS) to determine the concentration of the gas without coming into physical contact with the stream.

Channels

1

Analyte and Measurement ranges

H2O (Moisture): 0-100 to 0-5000 ppmv

Measured Variables

Concentration
Dew Point
Cell Pressure
Cell Temperature

Ambient Temperature range

-20 to 50°C (-4 to 122°F)

Operating Pressure range

Inlet Pressure: 140-350 kPa (20-50 psig)
Sample Cell: 700-1400 mbara

Analyzer Wetted materials

316L Stainless Steel
FKM O-Rings
Glass

Power supply

100-240 VAC, 50-60 Hz - standard 12-Volt
Sealed Lead-Acid Battery
Approx. 8 hours usage time per charge
0.5 Amps @ 120 VAC during recharging

H2O

Communication

Analog Output: 1 or 2 4-20mA Isolated, 1200 ohms @ 24 VDC max load (optional)

Serial: RS232C

Protocol: Modbus Gould RTU or Daniel RTU or ASCII

Housing materials

Anodized Aluminum

Hazardous area approvals

None

Degree of protection

None

更多信息 www.endress.com.cn/SS1000