

Compressed gas cooler SC-2



가스분석기를 연속으로 사용하기 위하여 샘플 가스를 냉각하여 수분을 응축한 후, 수분과 건조 가스를 분리하며, Drain Pump 를 사용하여 수분을 배출하고 건조한 가스를 분석기로 보냄 으로서 센서의 수명을 보장하고 정확한 측정을 위한 Peltier 방식의 기수 분리장치이다.

- Inlet : 2Port
- Outlet : 2Port

Specifications

- Output sample gas dew point: $\leq 5.0\text{ }^{\circ}\text{C}$
- SO₂ lost rate: $< 2\%$ (@ SO₂ $>100\text{ppm}$, humidity = 5vol%)
- Glass heating exchange tube with anticorrosion, easy to clean and high heating exchanging rate
- Sample gas output temperature: $+4\text{ }^{\circ}\text{C}\pm 1\text{ }^{\circ}\text{C}$ (factory setting)
- Sample gas output dew point: $\leq 5.0\text{ }^{\circ}\text{C}$ (+ $20\text{ }^{\circ}\text{C}$ environment temperature)
- Working temperature: $+5\text{ }^{\circ}\text{C} \sim +50\text{ }^{\circ}\text{C}$
- Sample gas handling capacity: 250NL / h
- Sample gas input dew point: $\leq +80\text{ }^{\circ}\text{C}$
- Sample gas input temperature: $\leq +180\text{ }^{\circ}\text{C}$
- Sample gas input connector: OD6mm sleeve
- Cooling liquid output connector: OD6mm sleeve
- Cooler temperature alarm: $\geq +8\text{ }^{\circ}\text{C}$ when the alarm
- Dual stage cooling
- Warm up: $\leq 30\text{min}$
- Power supply: 220V AC 50Hz 250W
- Back plate mounting
- Housing color: 7035
- Dimensions: 275W*300H*370Dmm
- Weight: 23kg