

Fluorescence Detector with Thermostatted Flow Cell



Thermostatted Fluorescence Detector



- thermostatted flow cell integrated into Agilent fluorescence detector
- **high reproducibility** of the fluorescence measurement as fluorescence is temperature sensitive
- temperature regulation with Peltier element
- additional conditioning of the column eluate for constant detection temperature
- measurement independent of ambient temperature

Thermostatted FLD - New Design



**temperature control for
fluorescence detector Agilent 1260 Infinity II FLD**

Thermostatted FLD - Specifications

Conditions:

30 / 40 / 50 °C, flow 1 ml/min, TCC 40 °C

- **temperature accuracy: setpoint +/- 2.0 °C**
- **temperature stability: +/- 0.5 °C over 30 min**