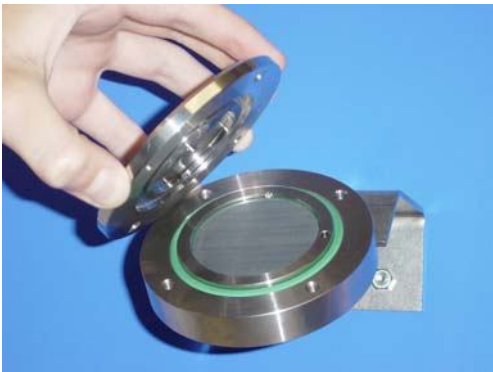






**Condensate/Oil trap with micro filter  
Model WT 20.82 E in stainless steel  
housing**

- With oil-repellent membrane
- Bypass function possible



- “Easy exchange system” for the inner membrane
- After removing the screws from the cover a quick and reliable exchange of the membrane is possible (no need to remove screw fittings)

**Function description:**

The condensate/oil trap is designed to provide the gas analyser with traditional protection against fluids and particles. The bypass filter option is integrated and can be activated where required.

**Traditional:**

If the gas conditioning should fail (cooler, peristaltic pump, dust filter etc.) then the semi-permeable membrane **oil-repellent SUN-C coating** protects the gas analyser. The membrane separates the gas from the condensate. The condensate outlet must be closed during this application. If, during an incident, the condensate trap should become completely full, then the gas stream is interrupted. The condensate trap is known as a “police filter”. Alarming will be done with an upstream flow detector with indication ring (see example applications).

**Bypass:**

The condensate trap is also designed to act as a **bypass filter**. The main gas stream can be diverted via the bypass, the result is a speedy response time from the analysis device. Condensate / oil carried in the stream will also be fed via the bypass. The adjusted stream to the membrane has an additional self-cleaning effect. An partial stream (1:1 to 1:20) is made available to the analysis device.