

Sample preparation option for protection of the AMI SAC254 from (occasional) particles and adjustment of the sample flow.

## Flowcontroller AMI SAC254

Inlet strainer with 0.5 mm perforation for protection of the instrument from clogging by particles present in the sample stream. Filter tube is mounted in an acrylic glass flow cell for visual inspection of the inlet strainer. It can be easily dismantled for cleaning. The cleaning frequency depends on the particle load of the sample.

The flow adjustment is achieved with a pressure reducing valve ( $p_{out} = 0 - 2$  bar) and a flow limiting capillary between the valve and the flow cell block of the AMI SAC254. The flow adjustment can be locked by pushing the turning knob of the pressure reducing valve.

### Technical data

#### Sample connections

- Inlet: G1/8" thread  
equipped with hose nozzle for 10 mm tube
- Outlet: equipped with capillary to flow cell block

#### Sample conditions

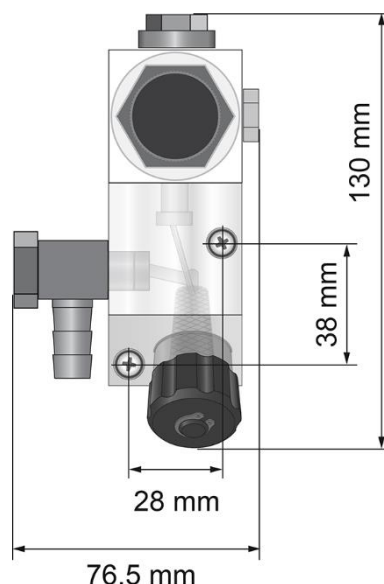
- Temperature: up to 50 °C
- Inlet pressure: 0.5 – 10 bar
- No strong acids and bases
- No organic solvents

#### Inlet strainer

- Mesh size: 0.5 mm
- Flowcell: acrylic glass
- Filter tube: stainless steel  
Easy to dismantle for cleaning

#### Flowcontroller

- Flow rate: 2 – 12 l/h
- Outlet pressure: 0 – 2 bar  
Push turning knob to lock (flow) adjustment.



### Content of Delivery

Inlet Strainer, pressure regulating valve, capillary tube including adapter, 2 screws M4x35

<b>Order Nr.:</b>	<b>Flowcontroller</b>	<b>A-82.521.210</b>
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