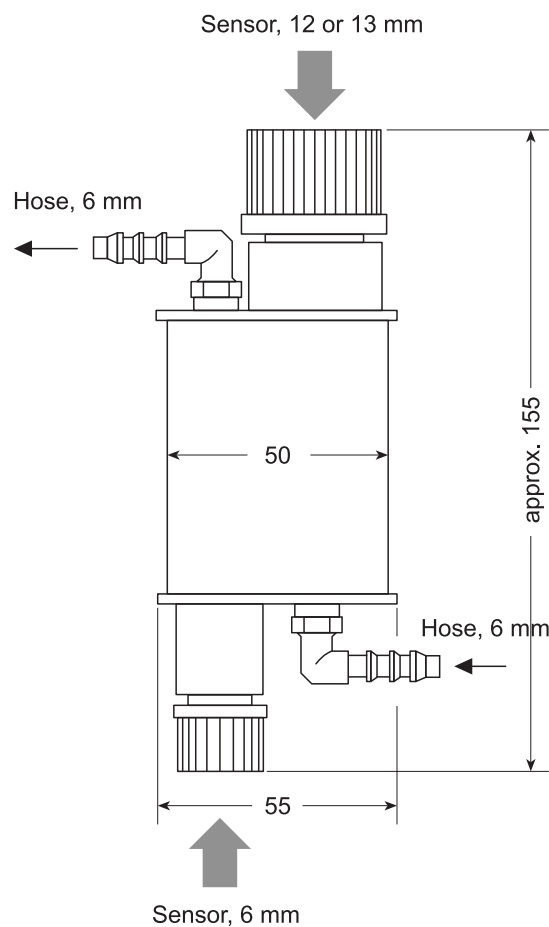


Flow-through vessel D 530



Application	Measurement in pressureless flow
Vessel volume	Approx. 95 ml
Material	PVC, transparent enclosure
Max. allowed pressure	1 bar
Minimum flow-through quantity	Approx. 20 to 50 ml/min
Temperature	Max. 50 °C

The D 530 flow-through vessel meets the requirements according to article 3(3) of the 97/23/EC directive ("Pressure equipment directive").

Scope of delivery

- Flow-through vessel
- 1 big screw cap with borehole and 2 red O-rings (11 mm) and 2 black O-rings (13 mm)
- 1 small screw cap with borehole and 2 O-rings (6 mm)
- 1 small screw cap without borehole
- 2 plastic fasteners for wall fixing

Sensor installation

Temperature sensor

- Insert the O-ring (6 mm) in the small screw cap with borehole.
- Plug the screw cap on the temperature sensor.
- Push the temperature sensor into the flow-through vessel from below.
 - Note the minimum immersion depth of the temperature sensor.
 - The distance to the hose connection opposite (outlet) must be at least 1 cm.
- Tighten the screw cap.

Sensor (diameter 12 mm)

- Insert the red O-ring (11 mm) in the big screw cap.
- Plug the cap on the sensor.
- Insert the sensor in the flow-through vessel.
 - The distance to the hose connection opposite (inlet) must be approx. 1 cm.
- Tighten the screw cap.

Installation

Fasten the D 530 flow-through vessel on a laboratory stand or, using the plastic fasteners provided, to a wall.

Flow-through direction: the incident flow must meet the sensor from below (see directional arrow on the name plate).

Operation

NOTE

*The measurement with a pH electrode must be pressureless.
When the measurement is done without temperature sensor, the opening must be sealed with the closed screw cap.*

Cleaning

Clean the flow-through vessel with water, washing-up liquid and a soft brush.

NOTE

*Do not use any detergents containing alcohol and/or organic solvents.
The flow-through vessel is not resistant to these detergents.*