

# Mercury 0.005 - 0.25 mg/m<sup>3</sup>

Order No. 86 10 350

Measuring Range: 0.005 to 0.25 mg/m<sup>3</sup>

Typical Measuring Time: approx. 240 to 1200 s

Accuracy: ± 25 % (under calibration conditions)

Ambient Conditions:

Temperature: 0 to 40 °C

Temperature correction: none

Humidity: 1 to 40 mg/L

Humidity correction: none

Cross Sensitivity:

No influence at 0.025 mg/m<sup>3</sup> mercury by:

50 ppm benzene

200 ppm toluene

200 ppm xylol, mix. of isomeric

1 Vol.% methane

Hydrogen Sulphide leads to considerable plus errors, therefore mercury measurements in the presence of hydrogen Sulphide are not possible.

Hose and probe measurement

The following flushing time recommendations for hose and probe measurements are marked with a brand-new, dry and clean hose and probes.

Hose	Length (meter)	Flashing time (min)
FKM hose	5 - 20	3
FKM hose	45	5
PTFE-lined PVC hose	3 - 15	3
Bar probe 90 (83 16 532)		1
Telescopic probe ES 150 (83 16 533)		1
Probe Set GP600 (83 28 667)		3