



# 1,3-Butadiene 25 - 500 ppb

Order No. 86 10 460

Measuring Range:	25 to 500 ppb (only in conjunction with Tube ppb Booster Basic 37 02 013)
Typical Measuring Time:	approx. 200 to 600 s
Accuracy:	± 25 % (under calibration conditions)
Ambient Conditions:	
Temperature:	0 to 40 °C
Temperature correction:	0 to 25 °C → none > 25 °C → - 2.5 % per °C from measurement value
Humidity:	5 to 30 mg/L
Humidity correction:	none
Cross Sensitivity:	
No influence at 250 ppb 1,3 butadiene by	
	15 ppm toluene
	50 ppm n-hexane
	75 ppm benzene
	500 ppb H <sub>2</sub> S
	500 ppb white spirit

## 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
Tygon hose	3 - 15	3
Rod probe 90 (8316532)		-
Telescopic probe ES 150 (8316533)		1