

Xylene (o, m, p) 0.2 to 5 mg/L

Order No. 81 01 661

Application Range

Determination of xylene in water/waste water

Dräger-Tube:	Toluene 5/b
Measuring range:	0.2 to 5 mg/L
Number of Strokes (n):	6
Typical Stroke Time:	60 to 90 s
Measurement Time:	approx. 450 s
Sample Volume:	200 mL
Color Change:	white → brown violet
Temperature Range:	5 to 30 °C
pH-Measurement:	not necessary

System Parameters

Measurement Range [mg/L]	Standard Deviation [%]	Temperature [°C]	Parameters	
			B	C
0.2 to 5	40	5 to 30	0.057	0

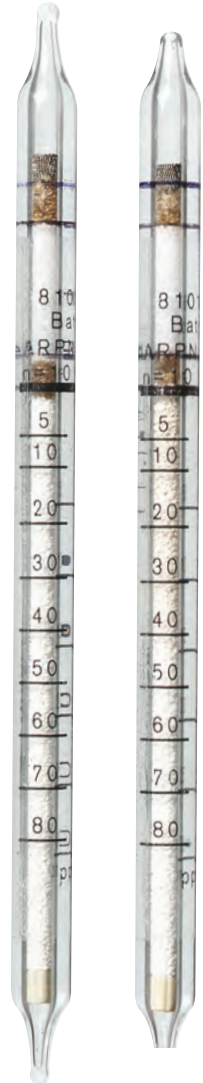
Evaluation of Measurement

Calculate xylene concentration:

$$Y_{[\text{mg/L}]} = A \cdot B \cdot (X_{[\text{ppm}]} + C)$$

Cross Sensitivity

Benzene, toluene, ethylbenzene and styrene are indicated with different sensitivity. Acetone, ethanol and n-octane do not interfere with the reading. Phenol does not interfere with the reading up to a concentration of 100 mg/L



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