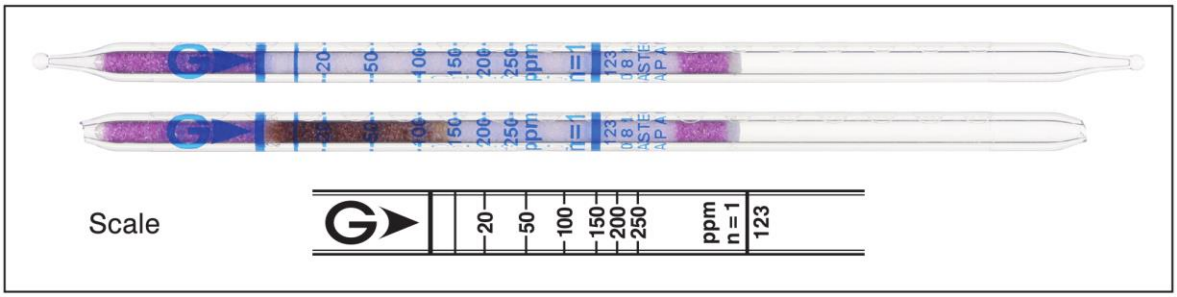
wiserise marine

Xylene C6H4（CH3）2

Part No.:123

Xylene $C_6H_4(CH_3)_2$ No.123



Performance The minimum scale value (10ppm) is not printed on the tube, but only the scale line is printed.

Measuring range	5 to 10 ppm	(10) to 250 ppm	250 to 625 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1/2	1	2.5
Sampling time	3 min	1.5 min	1 min

Detecting limit : 1 ppm (2 pump strokes)
Colour change : White → Brown
Operating conditions : Temperature 0 to 40 °C (32 to 104 °F) correction not used
Relative humidity 0 to 90 % correction not used
Relative standard deviation : 10 %(for 10 to 50 ppm), 5 %(for 50 to 250 ppm)
Tube quantity and number of tests per box : 10 tubes for 10 tests
Shelf life : 36 months

Reaction principle

$C_6H_4(CH_3)_2 + I_2O_5 + H_2SO_4 \rightarrow I_2$

Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Toluene	≧ 1/5	+	Brown
Acetylene, Hexane	≧ 2000 ppm	+(Two layers)	Pale brown (Whole layer)
Carbon monoxide	≧ 1000 ppm	+(Two layers)	
Benzene	≧ 1/5	+	Pale yellow

Other substance measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Trimethylbenzene	by scale	2	10 to 300 ppm

Calibration gas generation

Diffusion tube method

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