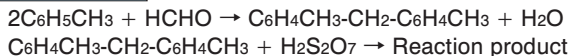


Performance

Measuring range	2 to 500 ppm
Sampling time	1 to 10 hours
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 20 to 500 ppm · hr)
Tube quantity and number of tests per box :	10 tubes for 10 tests
Shelf life :	24 months

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Alcohols, Esters, Ketones	≤ 30 ppm	No	No
Aromatic hydrocarbons		+	Brown

Other substances measurable with this Dosi-tube

Substance	Correction	Sampling time	Measuring range
Ethyl benzene	Factor : 1.4	1 to 10 hours	2.8 to 700 ppm
Xylene	Factor : 1.7		3.4 to 850 ppm
Cumene	Factor : 0.9		1.8 to 450 ppm
Benzene	Factor : 1.2		2.4 to 600 ppm
Styrene	Factor : 13		26 to 6500 ppm

Calibration gas generation

Diffusion tube method