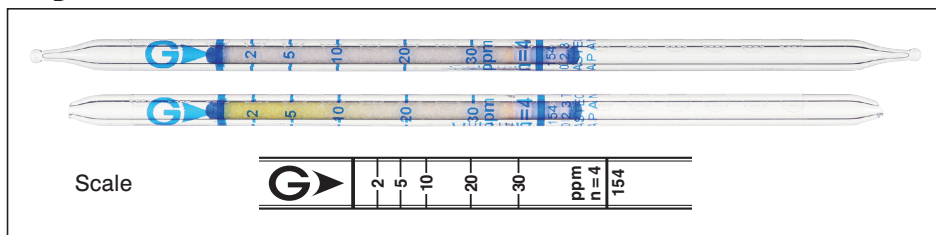


Cyclohexanone C₆H₁₀O

No. 154



Performance

Measuring range	2 to 30 ppm	30 to 72 ppm
Number of pump strokes	4 (400 mL)	2 (200 mL)
Correction factor	1	2.4
Sampling time	12 min	6 min
Detecting limit :	0.2 ppm (4 pump strokes)	
Colour change :	Pale yellow → Yellow	
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 0 to 90 % correction not used	
Relative standard deviation :	10 % (for 2 to 10 ppm), 5 % (for 10 to 30 ppm)	
Tube quantity and number of tests per box :	10 tubes for 10 tests	
Shelf life :	24 months (in the refrigerator)	

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration:	Interference	Changes colour by itself to
Ketones		+	Yellow

Other substances measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Diacetone alcohol	by scale	2	2.5 to 100 ppm
Furfural	Factor : 1.0	4	2 to 30 ppm
Isophorone	Factor : 1.0	8	2 to 30 ppm

Calibration gas generation

Diffusion tube method