

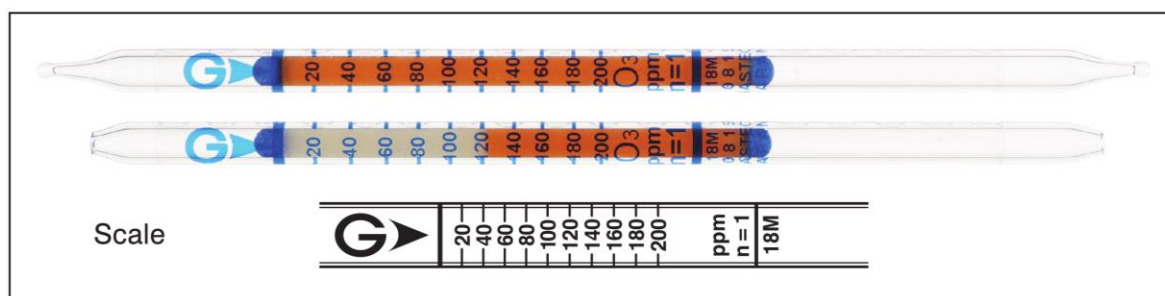


Ozone O₃

Part No.: 18M

Ozone O₃

No.18M



Performance

Measuring range	4 to 20 ppm	20 to 200 ppm	200 to 400 ppm
Number of pump strokes	2 to 5 (200 to 500 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1/2 to 1/5	1	2
Sampling time	1.5 to 3.75 min	45 sec	30 sec
Detecting limit :	1 ppm (5 pump strokes)		
Colour change :	Orange → Pale Yellow		
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 60 ppm), 5 % (for 60 to 200 ppm)		
Tube quantity and number of tests per box :	10 tubes for 10 tests		
Shelf life :	36 months		

Reaction principle

O₃ + Indicator → Reaction product

Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Chlorine		+	} Pale yellow
Nitrogen dioxide		+	
Boron trichloride		} No	} Red
Arsine			
Hydrogen chloride			
Hydrogen fluoride			
Phosphine			

Calibration gas generation

Ozone generator