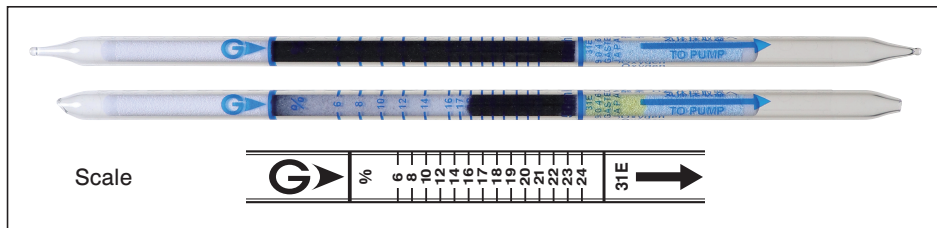


Oxygen O₂

No.31E



Performance

Measuring range	6 to 24 %
Number of pump strokes	1 (50 mL)
Correction factor	1
Sampling time	1 min
Colour change :	Black → White
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 :	5 % (for 6 to 24 %)
Tube quantity and number of tests per box :	5 tubes for 5 tests
Shelf life :	36 months

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Carbon monoxide	≥ 40 %	No	No
Carbon dioxide		+	No

Calibration gas generation

Dynamic gas dilution method

Special note

If more than 40% carbon dioxide is coexisted, the tube reading will be 2% higher than the true concentration. (At 21% oxygen concentration tube 31E indicates 23%.)