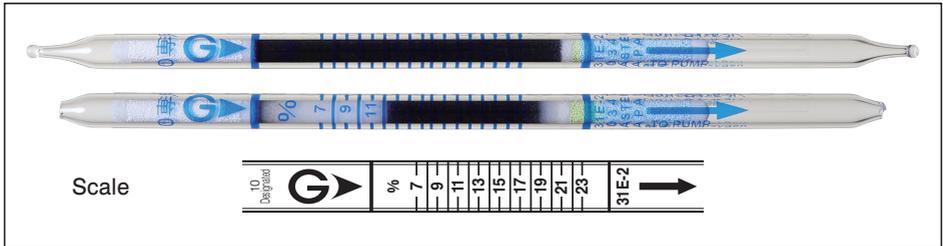


# Oxygen O<sub>2</sub>

No.31E-2



## Performance

Measuring range	7 to 23 %
Correction factor	1
Sampling time	30 sec
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
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		No	No
Carbon dioxide	≧ 10 %	+	No

## Calibration gas generation

Dynamic gas dilution method

## Special note

If more than 10% carbon dioxide is coexisted, the tube reading will be 2% higher than the true concentration. (At 21% oxygen concentration tube 31E-2 indicates 23%.)

\*The New Type 31E-2 Oxygen Detector Tube cannot be used with The Old Type of Gas Sampling Pump.