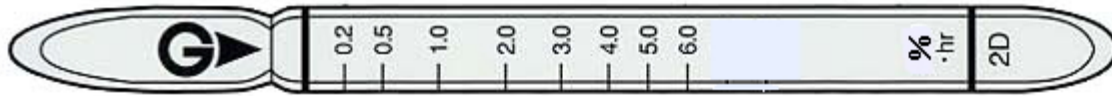


Carbon dioxideCO₂**no.2D****Performance**

Measuring Range	0.02 to 12%
Sampling Hours	0.5 to 10 hours
Detecting Limit	0.02 ppm (12 hours)
Color Change	Pale Red → Yellow
Reaction Principle	Carbon Dioxide neutralizes analyzing agent to produce yellow stain.
Coefficient of Variation	10% (for 0.2 to 8 %-hr)
Shelf Life	2 Years
Corrections for temperature & humidity	Temperature correction is necessary
Store the tubes at cool and dark place.	

Possible coexisting substances and their interferences (NOTE)

Substance	Concentration	Interference	Change color by itself
Ammonia	500 ppm	No effect	No discoloration up to 500ppm
Hydrogen chloride	300 ppm	No effect	No discoloration up to 300ppm
Chlorine	10 ppm	No effect	No discoloration up to 5ppm
Hydrogen cyanide	50 ppm	No effect	No discoloration up to 30ppm
Sulfur dioxide	15 ppm	No effect	No discoloration up to 15ppm
Nitrogen dioxide	10 ppm	No effect	No discoloration up to 10 ppm
Hydrogen sulfide	50 ppm	No effect	No discoloration up to 30 ppm

Calibration gas generation High pressure gas cylinder method

TLV-TWA	TLV-STEL	Explosive range
5000ppm	30000ppm	-