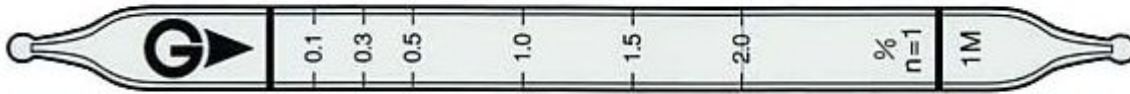


**Carbon monoxide** CO**NO.1M****Performance**

<b>Measuring Range</b>	0.05 to 0.1%	0.1 to 2.0%	2.0 to 4.0%
<b>Number of Pump Strokes</b>	2	1	1/2
<b>Correction Factor</b>	1/2	1	2
<b>Sampling Time</b>	3 minutes per pump stroke		
<b>Detecting Limit</b>	0.01% (n=2)		
<b>Color Change</b>	White → Pale brown		
<b>Reaction Principle</b>	Carbon monoxide reduces iodine pentoxide to liberate iodine, which is blackish brown.		
<b>Coefficient of Variation</b>	10% (for 0.1 to 0.5 %), 5% (for 0.5 to 2 %)		
<b>Shelf Life</b>	3 Years		
<b>Corrections for temperature &amp; humidity</b>	Unnecessary		
<b>Store the tubes at cool and dark place.</b>			

**Possible coexisting substances and their interferences (NOTE)**

<b>Substance</b>	<b>Concentration</b>	<b>Interference</b>	<b>Change color by itself</b>
Acetylene	0.1%	Plus error	Produce blackish brown stain.
Olefins	2/3 time	Plus error	Produce pale brown stain.
Butane	0.3%	Plus error	Produce pale brown for whole layer
Propane	10%	Plus error	Produce pale brown for whole layer
Hexane	0.1%	Plus error	Produce pale brown

**Other substance measurable with this detector tube**

<b>Substance</b>	<b>Correction Factor</b>	<b>Pump Strokes</b>	<b>Measuring Range</b>
Gasoline	1	1	0.1 to 2%

**Calibration gas generation** High pressure gas cylinder method

TLV-TWA	TLV-STEL	Explosive range

25ppm

-

12.5 to 74%



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