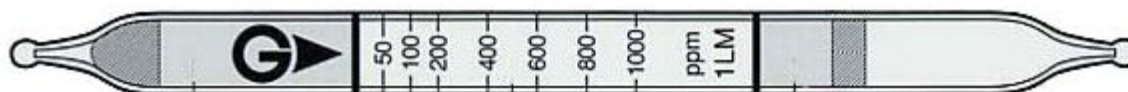


**Carbon monoxide**

CO

**NO.1LM****Performance**

<b>Measuring Range</b>	25 to 50 ppm	50 to 1000 ppm	1000 to 2000 ppm
<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>	5 ppm (n=2)		
<b>Color Change</b>	White → Pale brown		
<b>Reaction Principle</b>	Carbon monoxide reduces iodine pentoxide to liberate iodine to produce pale brown stain.		
<b>Coefficient of Variation</b>	10% (for 50 to 200 ppm), 5% (for 200 to 1000 ppm)		
<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, Olefines, Propane, Hexane	-	Plus error	Produce similar stain by themselves.
Butane	-	Plus error	Pale Brown
Hydrogen	-	No	No

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

TLV-TWA	TLV-STEL	Explosive range
25ppm	-	12.5 to 74%

Corporation.