# **Carbon Monoxide-Colorimetric**



Part No. D5086810

Part No. (US): 47134

### Performance:

Measurement Range	0 - 1000 ppm (color match type)
Number of Strokes	1 to 5
Sampling pump	Kwik Draw pump/ Aspiration bulb
Relative Standard Deviation	± 25 %
Colour Change	Refer color chart in IFU

## **Reaction Principle:**

 $CO + I_2O_5 + H_2S_2O_7 \rightarrow I_2$ 

## **Operating Conditions:**

These tubes are calibrated for use between 18  $^{\circ}$ C and 32  $^{\circ}$ C (65  $^{\circ}$ F and 90  $^{\circ}$ F).

Below 18 °C tube will show lower readings and above 32 °C tube will show higher readings. Refer instruction sheet for more information. Relative humidity does not affect the accuracy.

#### Interferences and Cross Sensitivities:

Compound	Interference
Acetylene, ethylene and propylene.	Will produce similar stain.
nitrogen dioxide above 5 ppm	will interfere by bleaching the stain
Hydrogen sulphide	Will interfere by forming brown stain



TLV(TWA): 25 ppm TLV(STEL): N.A. Flammable Range: 13 - 74%