

# Carbon Dioxide-A

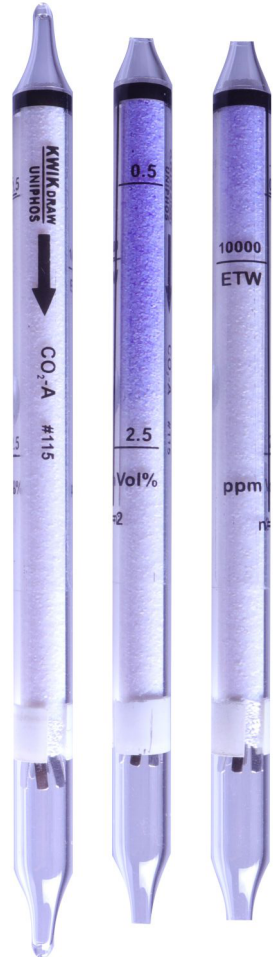
**KWIK<sup>®</sup>DRAW**  
UNIPHOS

Part No. D5085758

Part No. (US): 804420

## Performance:

Measurement Range	Mark 1: 0.5 vol%	Mark 2: 2.5 vol%
Number of Strokes	2	
Sampling Time	20 - 30 seconds per stroke	
Relative Standard Deviation	± 15 %	
Colour Change	White → violet	



## Reaction Principle:

$\text{CO}_2 + \text{N}_2\text{H}_4 \rightarrow$  color change of an acid-base indicator.

## Operating Conditions:

Detector tubes can be used without compensation of reading between 0 °C and 40 °C (32 °F and 104 °F) and between 10 % RH (0.5 mg/l at 0 °C [0 °F]) and 90 % RH (46 mg/l at 40 °C [104 °F]).

## Interferences and Cross Sensitivities:

Compound	Interference
Hydrogen, Methane, Ethane, Propane, Butane, Carbon monoxide.	No interference
Higher saturated hydrocarbons (e.g. Hexanes, Octanes), Aromatic hydrocarbons (e.g. Benzene) up to 1 vol%.	No interference
Acidic gases (e.g. Sulphur dioxide, Hydrogen sulphide, Nitrogen dioxide, Hydrogen chloride, Hydrogen cyanide, Chlorine, Phosgene) up to 500 ppm	No interference
Nitrous oxide up to 10 vol%.	No interference
Nitric oxide, Ammonia, Phosphine up to 500 ppm	No interference

TLV(TWA): 5000 ppm

TLV(STEL): 30,000 ppm

Flammable Range: Non Flammable