

Carbon Dioxide-0.5%

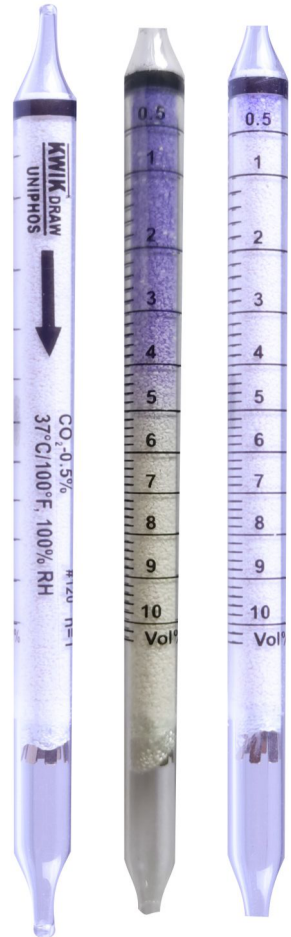
KWIK DRAW
UNIPHOS

Part No. D5086844

Part No. (US): 710311

Performance:

Measurement Range	0.5 - 10 vol%
Number of Strokes	1
Sampling Time	30 - 40 seconds per stroke
Relative Standard Deviation	±15 %
Colour Change	White → Light blue/blue



Reaction Principle:

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

Operating Conditions:

Detector tubes can be used without compensation of reading between 0 °C and 50 °C (32 °F and 120 °F). Up to 100% RH water vapor will not affect accuracy of indication.

Interferences and Cross Sensitivities:

Compound	Interference
Hydrogen, Methane, Ethane, Propane, Butane, Carbon monoxide.	No interference
Higher saturated hydrocarbons (e.g. Hexanes, Octanes), Olefinic hydrocarbons (e.g. Ethylene), Aromatic hydrocarbons (e.g. Benzene) up to 1 vol%.	No interference
Sulphur dioxide, Hydrogen sulphide, Nitrogen dioxide, Hydrogen chloride and other acidic gases up to 0.5 vol%.	No interference
Ammonia up to 0.5 vol%.	No interference

TLV(TWA): 5000 ppm

TLV(STEL): 30,000 ppm

Flammable Range: Non Flammable