Phosphine-0.1

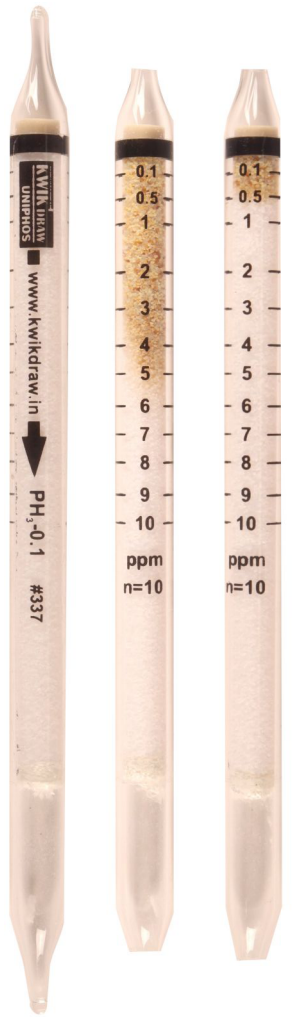
KWIK DRAW
UNIPHOS

Part No. D5085830

Part No. (US): 485680

Performance:

Measurement Range	0.1 - 10.0 ppm
Number of Strokes	10
Sampling Time	20 - 30 seconds per stroke
Relative Standard Deviation	±15 to 25 %
Colour Change	White → brown



Reaction Principle:

$PH_3 + AgNO_3 \rightarrow$ Metallic silver

Operating Conditions:

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

Interferences and Cross Sensitivities:

Compound	Interference
Hydrogen, Methane, Ethane, Propane, Butane, Carbon dioxide, Carbon monoxide	No interference
Higher saturated hydrocarbons (e.g. Hexanes, Octanes), Olefinic hydrocarbons (e.g. Ethylene), aromatic hydrocarbons (e.g. Benzene)	No interference up to 1 vol% (n=10).
Sulfur dioxide, Carbon disulfide	No interference up to 1000 ppm (n=10).
Hydrogen sulphide	Will be indicated by a yellow brown stain, significantly lighter than phosphine stain and only one-half as long.
Arsine, Stibine	Are indicated with lower sensitivity than Phosphine.
Acetylene	Will not be indicated. Phosphine in acetylene gives a stain about twice as long as in air.

TLV(TWA): 0.05 ppm TLV(STEL): 0.15 ppm Flammable Range: