Nitr-10 (Nitrous Fumes)

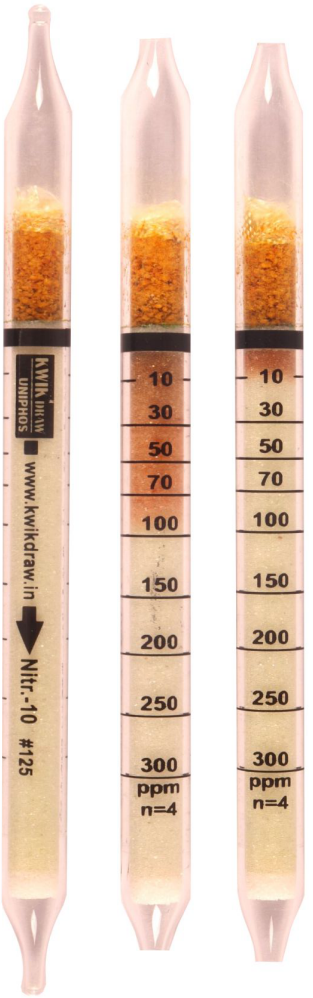
KWIK DRAW UNIPHOS

Part No. D5085808

Part No. (US): 803946

Performance:

Measurement Range	10 - 300 ppm
Number of Strokes	4
Sampling Time	20 - 30 seconds per stroke
Relative Standard Deviation	±15 to 20 %
Colour Change	Yellowish → Brown or blue/brown



Reaction Principle:

Nitrous Fumes + Oxidizer → NO_2

NO_2 + Aromatic amine → Colored reaction product.

Operating Conditions:

Detector tubes can be used without compensation of the reading between 10 °C and 30 °C (50 °F and 86 °F) and between 10% RH [0.9 mg/l at 10 °C (50 °F)] and 80% RH [24 mg/l at 30 °C (86 °F)].

Interferences and Cross Sensitivities:

Compound	Interference
Hydrogen, Methane, Ethane, Propane, Carbon Monoxide, Carbon dioxide, Nitrous oxide	No interference
Halogens (chlorine, bromine), chlorine dioxide, ozone.	Will be indicated with different sensitivity.
Hydrocarbons, (e.g. Butanes, Ethylene, Acetylene), Hydrogen sulfide, Ammonia	Are not indicated, but possibly will shorten indication stain of Nitrous fumes

TLV(TWA): NO: 25 ppm, NO_2: 0.2 ppm

Flammable Range: N.A.