

Part No. D7086893

Part No. (US): D7086893

## Performance :

Measurement Range	0.25 - 3 ppm
Number of Strokes	10
Sampling Time	20 - 30 seconds per stroke
Relative Standard Deviation	± 15 to ± 25 %
Colour Change	Yellow → Pale blue / green

## Reaction Principle :

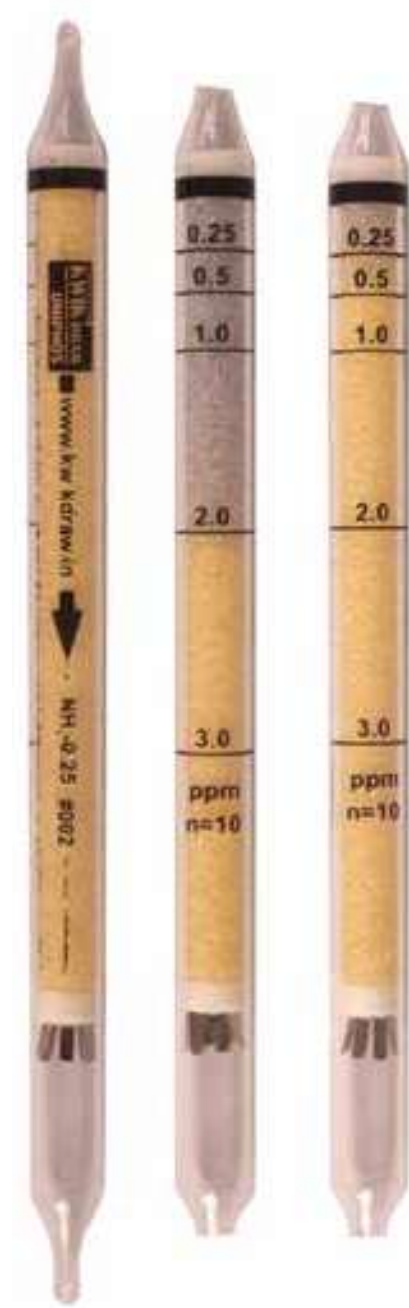
$\text{NH}_3 + \text{Acid} + \text{pH Indicator} \rightarrow \text{Reaction product}$

## 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 50% RH [5 mg/l at 10 °C (50 °F)] and 70% RH [12 mg/l at 20 °C (68 °F)].

## Interferences And Cross Sensitivities :

Compound	Interference
Hydrogen, Methane, Ethane, Propane, Butanes, Carbon monoxide	No interference
Carbon dioxide up to 1 vol%	No interference
Nitrogen dioxide, Hydrogen sulphide up to 50 ppm	No interference
Other alkaline gases (Amines, Hydrazine)	will be indicated but with different
Strong acid gases (e.g. Sulfur dioxide, Hydrogen chloride, Chlorine, Phosgene)	Not indicated but will shorten the stain length of ammonia.



TLV(TWA): 25 ppm

TLV(STEL): 35 ppm

Flammable Range: 15 - 28%