

Part No. D7085845

Part No. (US): D7085845

Note: This tube is suitable for Detection of ammonia (NH₃) in air for mushrooms cultivation industry only

Performance :

Measurement Range	10 - 600 ppm	2 - 60 ppm
Number of Strokes	2	10
Sampling Time	20 - 30 seconds per stroke	
Relative Standard Deviation	± 15 to ± 25 %	
Colour Change	Yellow → Blue	

Reaction Principle :

NH₃ + Acid + pH Indicator → Reaction product

Operating Conditions :

Detector tube is calibrated at temperature of 45°C to 47°C (113 °F to 116.6°F) and at R.H. of 95 to 99 %.

Note: This tube is suitable for use in high temperature and high humidity for mushrooms cultivation industry only.

Interferences And Cross Sensitivities :

Compound	Interference
Hydrogen, Methane, Ethane, Propane, Butanes, Carbon monoxide	No interference
Carbon dioxide up to 2 vol% (n=2) or 0.5 vol% (n=10).	No interference
Higher saturated hydrocarbons (e.g. Hexanes, Octanes), Olefinic hydrocarbons (e.g. Ethylene), Aromatic hydrocarbons (e.g. Benzene) up to 1 vol% (n=10).	No interference
Other alkaline gases (Amines, Hydrazine)	will be indicated but with different sensitivity
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%