

Part No. D5086829

Part No. (US): 804141

Performance :

Measurement Range	100 - 10,000 ppm
Number of Strokes	5
Sampling Time	25 - 35 seconds per stroke
Relative Standard Deviation	± 25 %
Colour Change	Light yellow → Yellow

Reaction Principle :

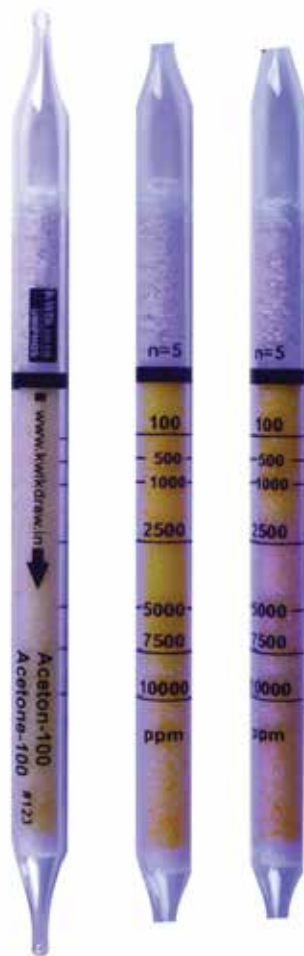
$\text{CH}_3\text{COOH}_3 + 2,4\text{-dinitrophenylhydrazine} \rightarrow \text{hydrazone.}$

Operating Conditions :

Detector tubes can be used between 0°C and 40°C (32°F and 104°F) and up to 90% RH (46 mg/l at 40°C [104°F]).

Interferences And Cross Sensitivities :

Compound	Interference
Alcohols Esters	No interference.
Aldehydes Ketones	Will be indicated but with different sensitivity.
Ammonia	Interferes with the reading by a yellow-brown discoloration of the indication layer.



TLV(TWA): 250 ppm

TLV(STEL): 500 ppm

Flammable Range: 2.1 - 13%