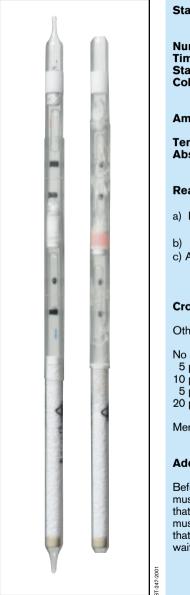
Toluene Diisocyanate 0.02/A



Standard Measuring Range Number of Strokes (n) Time for Measurement Standard Deviation Colour Change	 0.02 to 0.2 ppm Discoloration compared to colour comparison tube. 25 app. 20 min ± 30 % white —> orange
Ambient Operating Conditions	
Temperature Absolute Humidity	: 15 to 30 °C : < 20 mg H₂O / L
Reaction Principle	
 a) Pyridylpyridinium chloride + NaOH> Glutaconaldehyde sodium oletate b) 2,4-TDI (also for 2,6-TDI) + HCI> Aromatic amine c) Aromatic amine + Glutaconaldehyde> orange reaction product 	
Cross Sensitivity	
Other isocyanates are not indicated.	
No interference by: 5 ppm aniline 10 ppm benzylamine 5 ppm toluene 20 ppm benzene	

Mercaptans also discolour the indicating layer.

Additional Information

Before carrying out the measurement the lower reagent ampoule must be broken and the liquid transferred to the indication layer, so that it changes colour to yellow. Next, the upper reagent ampoule must be broken and the liquid transferred to the indication layer, so that it returns to a white colour. After performing 25 pump strokes wait 15 minutes before evaluating the indication.