



ST-11-2001

**Standard Measuring Range** : 5 to 70 ppm  
**Number of Strokes (n)** : 10  
**Time for Measurement** : app. 1 min  
**Standard Deviation** :  $\pm 10$  to 15 %  
**Colour Change** : yellow orange  $\rightarrow$  blue

### Ambient Operating Conditions

**Temperature** : 10 to 50 °C  
**Absolute Humidity** : < 20 mg H<sub>2</sub>O / L

### Reaction Principle

NH<sub>3</sub>+ pH Indicator  $\rightarrow$  blue reaction product

### Cross Sensitivity

This tube indicates other basic gases, (e.g. organic amines).

No interference by 300 ppm nitrous fumes, 2,000 ppm sulphur dioxide or 2,000 ppm hydrogen sulphide.

### Extension of the Measuring Range

Using n=1, multiply the reading by 10; the range of measurement is 50 to 700 ppm.