

Phosgene 0.25/c

Order No. CH 28 301

P

Application Range

Standard Measuring Range:	0.25 to 5 ppm
Number of Strokes n:	5
Time for Measurement:	approx. 1 min
Standard Deviation:	± 15 to 20 %
Color Change:	yellow → blue green

Ambient Operating Conditions

Temperature:	5 to 35 °C
Absolute Humidity:	3 to 15 mg H ₂ O / L

Reaction Principle

COCl₂ + ethylaniline +
dimethylaminobenzaldehyde → blue green reaction product

Cross Sensitivity

No interference by up to 100 ppm hydrochloric acid. Carbonyl bromide and acetyl chloride are indicated, but with different sensitivities. It is impossible to measure phosgene in the presence of carbonyl bromide or acetyl chloride.

