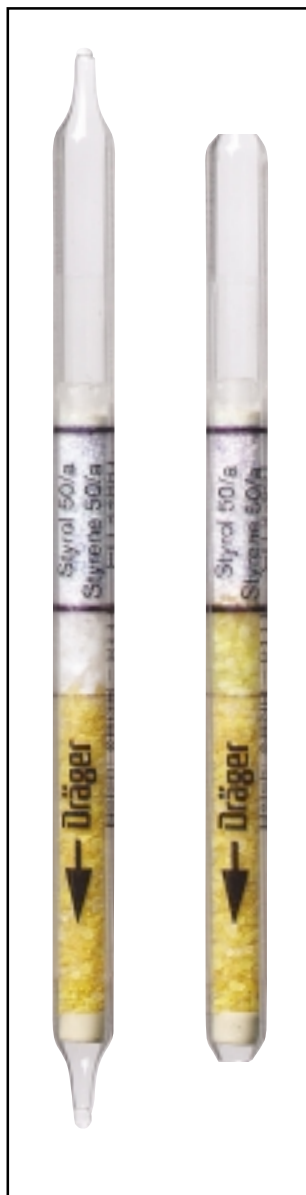


Styrene 50/a

Order No.

CH 27601



Standard Measuring Range : 50 to 400 ppm
Number of Strokes (n) : 11 to 2
Time for Measurement : max. 2 min
Standard Deviation : ± 15 to 20 %
Colour Change : white \rightarrow yellow

Ambient Operating Conditions

Temperature : 10 to 40 °C
Absolute Humidity : < 15 mg H₂O / L

Reaction Principle

$C_6H_5-CH=CH_2 + H_2SO_4 \rightarrow$ yellow reaction product

Cross Sensitivity

Other organic compounds which tend toward polymerization (e.g. butadiene) are indicated, but with different sensitivities. It is impossible to measure monostyrene in the presence of these compounds.

ST-147-2001