

Hydrocarbons 2 a

Order No. 81 03 581

Application Range

Standard Measuring Range:	2 to 24 mg / L
Number of Strokes n:	3
Time for Measurement:	approx. 5 min
Standard Deviation:	± 25 %
Color Change:	orange → blue green

Ambient Operating Conditions

Temperature:	0 to 40 °C
Absolute Humidity:	1 to 25 mg H ₂ O / L

Reaction Principle

$C_8H_{18} + Cr^{6+} \rightarrow Cr^{3+} + \text{div. oxidation products}$

Cross Sensitivity

The information regarding cross sensitivity only applies for measurements with a maximum of 3 strokes. Paraffinic and aromatic hydrocarbons are indicated as a whole. Differentiation is not possible. Aromatic hydrocarbons (benzene, toluene) are also displayed. Their concentration in the mixture should not exceed 20%. There is no fault caused on the display by < 1000 ppm CO.

Additional Information

A maximum of 15 strokes within 1 hour can be performed for leakage measurements (qualitative measurements).

