

Oxygen 5%/C

Catalog No 8103261

Standard Measuring Range: 5 to 23 Vol%
Number of Strokes (n): 1
Time for Measurement: about 1 minute
Standard Deviation ± 5 to 10%
Color Change: blue black to white grey

Ambient Operation Conditions

Temperature: 5 to 50°C
Absolute Humidity: 0 to 40 mg H₂O/L

Reaction Principle

- $O_2 + TiCl_2 \longrightarrow Ti^{IV}\text{-compound}$
- Adsorption of the hydrochloric acid, generated during reaction by a silica gel filter layer.

Cross Sensitivity

Carbon dioxide, carbon monoxide, solvent vapors, halogenated hydrocarbons and nitrous oxide do not affect the indication.

Additional Information

These tubes become very warm during the measurement, reaching temperatures of approximately 100°C. Therefore, these tubes should not be used in potentially combustible atmospheres. If in doubt, test the area before using the tube with a combustible gas monitor.



Dräger

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