

Polytest

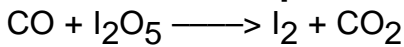
Catalog No CH28401

Standard Measuring Range: Qualitative determination of easily oxidized substances
Number of Strokes (n): 5
Time for Measurement: about 1.5 minutes
Standard Deviation: ± 30%
Color Change: white to brown, green or possibly violet

Ambient Operation Conditions

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

Reaction Principle



Cross Sensitivity

Based on the reaction principle, many easily oxidized compounds are indicated, several examples are shown below:

2,000 ppm Acetone	10 ppm Acetylene
50 ppm Ethylene	1 ppm Arsine
10 ppm Octane	50 ppm Benzene
500 ppm Propane	100 ppm Butane
5 ppm Carbon Monoxide	10 ppm Styrene
1 ppm Carbon disulfide	20 ppm Perchloroethylene
2 ppm Hydrogen sulfide	10 ppm Toluene, Xylene

Methane ethane, hydrogen and carbon dioxide are not indicated.

Additional Information

The absence of an indication does not mean there are no oxidizable substances present. The Polytest detector tube is strictly a screening tube, designed to qualify the presence of easily oxidized substances. In some instances, particularly when dealing with the potential of flammable gases and vapors near the lower explosion limit (and with toxic substance), the result of the Polytest should be verified with another method.



Manufactured by Draeger Safety

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