

Acetone 40/a

Order No. 81 03 381

Application Range

Standard Measuring Range:	40 to 800 ppm
Number of Strokes n:	1
Time for Measurement:	approx. 1 min
Standard Deviation:	± 15 to 20 %
Color Change:	pale yellow → yellow

Ambient Operating Conditions

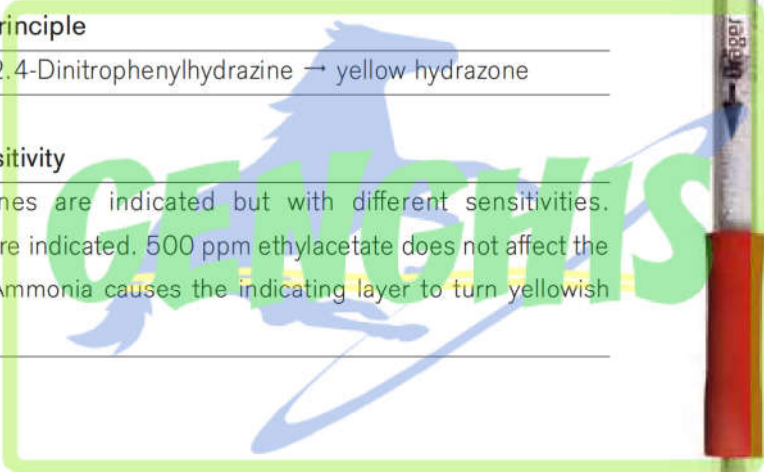
Temperature:	5 to 40 °C
Absolute Humidity:	5 to 40 mg H ₂ O / L

Reaction Principle

Acetone + 2,4-Dinitrophenylhydrazine → yellow hydrazone

Cross Sensitivity

Other ketones are indicated but with different sensitivities. Aldehydes are indicated. 500 ppm ethylacetate does not affect the indication. Ammonia causes the indicating layer to turn yellowish brown.



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ST-589-2008

Acetone 100/b

Order No. CH 22 901

A

Application Range

Standard Measuring Range:	100 to 12,000 ppm
Number of Strokes n:	10
Time for Measurement:	approx. 4 min
Standard Deviation:	± 15 to 20 %
Color Change:	pale yellow → yellow

Ambient Operating Conditions

Temperature:	0 to 40 °C
Absolute Humidity:	5 to 20 mg H ₂ O / L

Reaction Principle

Acetone + 2,4-Dinitrophenylhydrazine → yellow hydrazone

Cross Sensitivity

Other ketones are indicated but with different sensitivities. Aldehydes are indicated, but not esters. Ammonia causes the indicating layer to turn yellowish brown.



ST-567-2008

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