

# 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 <sub>2</sub> 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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