

Cooking oil tester

testo 270

- Measurement directly in a deep-fryer
- Sensor embedded in metal and breakage-proof
- Fast & precise measurement value display in %TPM
- Automatic final value recognition (Auto-hold % TPM)
- 2 freely selectable limit values
- Audible and optical alarm
- TopSafe, the waterproof protective cover, guarantees protection class IP65



The testo 270 is a portable measuring instrument for determining the quality and temperature of cooking oil. Thanks to a capacitive sensor at the end of the probe shaft, the polar components in cooking oil are recorded, allowing direct conclusions to be drawn about the degree to which the oil is used up, and thus the quality. Since the testo 270 can be used directly in the deep-fryer, it is extremely quick and provides the measurement results within 20 seconds. Thanks to its user-friendly 3-button

operation, its alarm function, its Auto-hold property and its simple operation, it allows easy and reliable use. With the help of the TopSafe, a transparent plastic cover, the measuring instrument is excellently protected from impact and dirt, and guarantees optimum hygienic conditions. This, added to its high level of accuracy and reproducibility, means the testo 270 provides completely secure measurement results.

Technical data / Accessories

testo 270

Cooking oil tester testo 270 incl. aluminium case, TopSafe, hand strap, reference oil, batteries, adjustment protocol, instruction manual and short instruction manual

Part no. 0563 2700



Sensor type

Capacitive Testo sensor (%TPM) PTC (°C/°F)

Meas. range	0,5 to 40,0 %TPM +40 to +200 °C
Accuracy ±1 digit	±2 %TPM (+40 to +190 °C) (typical, refers to Testo-internal reference, at ambient temperature 25 °C) ±1,5 °C
Resolution	0,5 %TPM 0,5 °C/°F

General technical data

Cooking oil temperature	+40 to +200 °C
Storage temperature	-20 to +70 °C
Operating temperature	0 to +50 °C
Dimensions	Approx. 354 x 50 x 30 mm (incl. TopSafe)
Weight	Approx. 164 g (incl. batteries, TopSafe, hand strap)
Display	LCD, 2-line, display illumination
Battery type	2 x AA
Battery life	approx. 25 h continuous use approx. 500 measurements
Housing material	PA66 GF30% TopSafe as accessory (included)
Alarm function (can be switched off)	2 limit values freely adjustable, 3-colour LED (green, yellow, red), audible alarm when temperature and TPM limit values are violated or at end of measurement (Auto-Hold)
Other features	Response time TPM < 30 sec. (Prerequisite: measurement value is within accuracy limits) Protection class (with TopSafe) IP 65 Warranty 24 months

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Subject to change without notice.

Accessories for measuring instrument

Part no.

ISO calibration certificate analysis; Calibration points approx. 3 %TPM and approx. 24 %TPM at 50 °C	0520 0028	
Reference oil for calibrating and adjusting the cooking oil tester testo 270 (1 x 100 ml)	0554 2650	
Aluminium case for testo 270	0516 2650	
TopSafe, indestructible protective cover	0192 0963	
Wrist strap for TopSafe	0192 1279	

