

## testo 270 - Cooking oil tester



Reliably optimize the use of cooking oil to save costs and ensure brand protection. The cooking oil tester testo 270 easily, quickly and reliably determines the cooking oil quality. The new testo 270 cooking oil tester stands out thanks to its ergonomic design, which prevents the direct exposure of the hand to the hot oil. The clear alarm via the colored backlit display makes it even easier to evaluate the cooking oil quality: Green means the TPM content is OK. Orange: TPM value is borderline. Red: Your TPM limit has been exceeded.

### Key Features:

- Improved ergonomic handle and rugged design
- Easy to clean under running water (IP65)
- Large, illuminated back-lit display and LED visual alarm indication
- Hold and auto-hold function

Order no. 0563 2750

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### Overview

The testo 270 cooking oil tester measures Total Polar Material (TPM) content in the oil and displays this as a percentage. As the oil is used, TPM increases. For every deep fried food, there is a point where overused oil will compromise the cooking oil quality and taste and presentation of that food. Measuring the %TPM level assures that the quality of the oil is optimized without fear of endangering the brand. In addition to this, a % TPM reading of greater than 24 can cause health concerns. Regular measurement with the testo 270 can prevent this. The use of the cooking oil tester also prevents changing the oil too soon, thus tossing away a very expensive commodity before you should have. The TPM limit values can also be individually defined, and can, like other instrument configurations, be protected from inadvertent configuration changes by a PIN.

### What's included:

testo 270 cooking oil tester in a case, with reference oil, short instructions, full instruction manual and training card, as well as certificate of conformity and batteries.

Please note: The testo 270 cooking oil tester is also available with all of the above except for the reference oil as part number 0563 2752.

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### Temperature - PTC

Technical data	
Measuring range	104° to 392 °F / +40 to +200 °C
Accuracy	±2.7 °F / ±1.5 °C
Resolution	0.1 °F / 0.1 °C

## TPM - Capacitive

Technical data	
Measuring range	0.0 to 40.0 % TPM
Accuracy	±2 % TPM (104° to 374 °F) / ±2 % TPM (+40 to +190 °C)
Resolution	0.5 % TPM (104° to 374 °F) / 0.5 % TPM (+40 to +190 °C)

## General technical data

Technical data	
Housing	abs_abs_pc_fibre_glass
Protection class	IP65
Warranty	2 years
Application temperature	104 °F; 392 °F / 40 °C; 200 °C
Alarm features	Upper and lower TPM limit value freely adjustable, visual alarm via 3 display backlighting (green, orange, red), values and illumination fla:

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Housing	abs_abs_pc_fibre_glass
Protection class	IP65
Warranty	2 years
Application temperature	104 °F; 392 °F / 40 °C; 200 °C
Alarm features	Upper and lower TPM limit value freely adjustable, visual alarm via 3-colour display backlighting (green, orange, red), values and illumination flash in the display until the measurement is ended (Auto Hold) / Upper and lower TPM limit value freely adjustable, visual alarm via 3-colour display backlighting (green, orange, red), values and illumination flash in the display until the measurement is ended (Auto Hold)

Battery type	2 AAA micro batteries / 2 AAA micro batteries
Battery life	approx. 25 h continuous operation (corresponds to approx. 500 measurements ) / approx. 25 h continuous operation (corresponds to approx. 500 measurements )
Dimensions	2 x 7 x 12 in. / 50 x 170 x 300 mm
Display type	LCD / LCD
Display size	2 lines / 2 lines
Display lighting	backlite / backlite
Operating temperature	32° to 122 °F / 0 to +50 °C
Storage temperature	-4° to 158 °F / -20 to +70 °C
Weight	9 oz. / 255 g
Reaction time	Approx. 30 sec