

Correct calibration and adjustment

Important tips on the calibration and adjustment of the testo 270

Preparation



Use the Testo reference oil for accurate calibration.



Ensure the sensor is completely clean.



Before calibration or adjustment, warm the reference oil to approximately 122 °F in hot water.

Calibration



1. Press [Hold] for 2 seconds immediately after switching the instrument on.
2. "Alarm" lights up in orange.
3. Switch through the menu with [Hold] until CAL and YES or NO appear. With [▲] or [▼], select YES.
4. Confirm with [Hold], OIL and CAL appear in the display.



Remove the reference oil from the hot water. Do not let the oil come in contact with water!



Immerse the sensor in the reference oil. The display will light up orange.



- Begin adjustment procedure with [Hold].
- The display will light up red.
 - Move the sensor in the oil.



End the measurement as soon as the display lights up green. Compare value with label value from reference oil bottle:

Deviation > 1 %
Adjustment necessary
Deviation ≤ 1 %
End calibration without adjustment

Adjustment

Adjustment after calibration



- Adjust the measuring instrument with [▲] or [▼] to the TPM value on the reference oil bottle.
- Confirm with [Hold] to take over the set value.
- Finish the configuration with [C]. The instrument changes to the measurement mode.

End calibration without adjustment/
Exit the configuration menu



- Press [C] for approx. 1 sec. in order to leave the configuration mode.
- You can then return to the measurement mode.
- You can now continue measuring or switch off the instrument.

The right way to measure

Important tips on the operation and maintenance of the testo 270

Preparation



Do not let plastic components come into contact with the cooking oil.



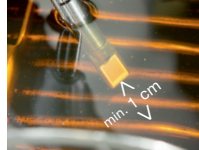
Do not touch the hot probe. Danger of burning!



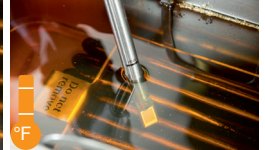
Remove fried goods before the measurement.



Wait until bubbles stop rising (approx. 5 min.).



Maintain a minimum distance of 1 cm from metallic parts.

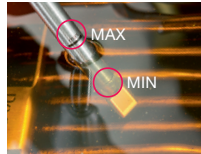


Measure in hot oil min. 104 °F, max. 392 °F (not in continuous use).

Measurement



Switch the instrument on [ON].



Immerse the sensor in hot oil. Observe the min/max marks!



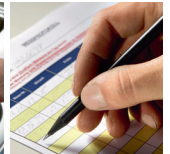
1. Move sensor in oil.

Auto Hold activated:

- The TPM value and display color will flash until the final value is reached. When Auto Hold appears in the display, the measurement is complete.
- Final value is fixed.

Auto Hold deactivated:

- When the temperature display no longer changes, a stable TPM final value has been reached.
 - To fix measurement values: press [Hold] briefly (<1 s)
2. To return to measurement mode:
Press [Hold] briefly (<1 s).



Record the determined measurement values.

Care and maintenance Cleaning



Clean instrument with mild detergent. Rinse sensor under running water and dry carefully with a soft paper towel.



Accuracy test

Your specific starting value:

___ %TPM

For fast and easy instrument testing, carry out accuracy tests according to the instruction manual. The reference value must be recalculated if the type of oil or oil supplier changes.



For accurate instrument testing, correction, or implausible measurements, we recommend calibration or adjustment with the Testo reference oil.