

We measure it.



TESTOsolutions

## Constant monitoring of cooking oil

Regular monitoring of cooking oil is a legal requirement. The polar component content (TPM – Total Polar Materials) may not exceed a certain percentage. The polar components provide information on the age and quality of the oil. If it is aged, it shows an increased TPM value. As a result, qualitatively inferior deep-fried goods are produced, and can additionally contain health-

damaging substances. Between 14 and 22 percent TPM, cooking oil develops its best potential. Checking the TPM value, for example using the cooking oil tester testo 270, therefore not only fulfils the legal requirements, but also allows you to profit from the optimum lifetime of the oil.



## The application

### When the sum of the tasks becomes an almost insurmountable challenge

Regularly monitoring cooking oil and keeping it in optimum quality can be a great challenge for many businesses. The time factor plays a crucial role in this. Regularly checking cooking oil quality during ongoing operations, breaking through the strict work routine in order to carry out the measurement, explaining the handling of the measuring instrument to the staff, and in spite of all this still working hygienically according to the HACCP guidelines, is no easy matter.

It is essential that the measurement is carried out efficiently, e.g. by having the instrument immediately ready for use at any time. Apart from this, every member of staff must be able to carry out the measurement without previous knowledge and intensive training. Nor can compromises ever be made in matters of hygiene. The measuring instrument must therefore be easy to clean. It goes without saying, that in the hectic day-to-day business in a kitchen, an instrument can become damaged, and therefore needs to be very robust.



## The solution

### Accurate, fast and easy cooking oil measurement during ongoing operation

Measurements with the testo 270 follow a simple principle: Switch on, simply immerse in hot oil, measure, finished! The tester is ready for use immediately after switching on, and operable with only three self-explanatory buttons. The limit values for the TPM value can be defined by the user according to individual quality requirements. The Auto-Hold function is very useful as it shows when the measurement value is stable. The TPM content of the analyzed oil is now displayed twice. On the one hand as a percentage in the extremely easily legible backlit display. And on the other hand, an alarm bar display shows the quality of the oil in colour according to the traffic-light principle. The staff can now see the quality of the oil at a glance, and can react accordingly if a replacement is due. After the measurement, the "TopSafe" protective cover is simply removed and cleaned in a dishwasher. The oil can be removed from the breakproof, embedded sensor under running water using a mild detergent.



## Benefits for the customer

The highly accurate testo 270 cooking oil measuring instrument guarantees that the oil and the foods prepared in it are of the highest quality. Regular measurement prevents the oil from being replaced too early or too late. This additionally saves costs. In sum, the measurement accuracy, easy handling and robust design result in the true benefit for the customer: efficient measurement, economic use of resources and the assurance of product quality. All these factors make the testo 270 an indispensable helper wherever deep-fried goods are produced with care, and where checks still need to be carried out as quickly and as easily as possible.

### More information:

For detailed information and answers to your questions on cooking oil quality and the testo 270, contact our experts at +49 7653 681-700 or [www.testo.de](http://www.testo.de)