

# Food Oil Monitor

FOM 310

**Minimum Oil-Savings 10%**

**Mindestens 10% Öl-Einsparung**

**NEW**

**Product Update**

## Optimized Oil Changes

Recommended by:



- + Measures temperature of oil and determines quality of oil in % polar compounds
- + improve oil savings by at least 10%
- + fast, safe measurement on site

# Food Oil Monitor – improve oil savings by at least 10%

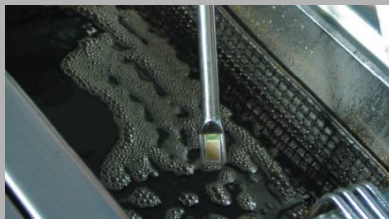
## FOM 310



### Technical Data

<b>Type</b>	<b>FOM 310</b>
Measuring range oil	0 to 40% polar compounds
Accuracy of oil measuring	typically $\pm 2\%$
Resolution of oil measuring	0.5%
Temperature range f. temp. measurement	0 to +220°C (+32 to +430°F)
Temperature range f. oil measurement	+50 to +200°C (+120 to +390°F)
Accuracy of temperature measurement	$\pm 1^\circ\text{C}$ ( $\pm 1.8^\circ\text{F}$ )
Resolution of temperature measurement	1°C
Housing operating temperature	-20 to + 50°C
Storage temperature	-25 to + 60°C
Battery	3V lithium
Dimensions	125 x 54 x 22mm (without probe)
Housing material	ABS (food safe)
Weight	approx. 200g
Protection class	waterproof IP 67 (NEMA 6)
Battery life	approx. 5 years
Battery change	can be done by user

### Food Oil Monitor FOM



### Applications

- |  |  |   |
|--|--|---|
| <ul style="list-style-type: none"> <li>• determine the optimum frying point</li> <li>• Restaurants / catering</li> </ul> | <ul style="list-style-type: none"> <li>• measure hot oil directly in the deep fryer</li> <li>• fast, safe measurement on site</li> </ul> | <ul style="list-style-type: none"> <li>• change oil only when necessary</li> <li>• no health risks caused by spent oil</li> </ul> |
|--|--|---|

### Attributes

- |  |   |  |
|--|---|--|
| <ul style="list-style-type: none"> <li>• determine precisely the quality of frying oil</li> <li>• polar compounds from 0 to 40%</li> <li>• temp. measurements up to 220°C</li> </ul> | <ul style="list-style-type: none"> <li>• results within 10s (temperature values / polar compounds are shown at the same time)</li> <li>• robust and impact resistant</li> </ul> | <ul style="list-style-type: none"> <li>• waterproof</li> <li>• limit indication by flashing light (red/yellow/green)</li> <li>• several oil types can be chosen</li> </ul> |
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