

# Food Oil Monitor - at least 10% savings on oil!

## FOM 310



Technical Data	
<b>Type</b>	<b>FOM 310</b>
Measuring range oil	0% bis 40% polar compounds
Accuracy	typically $\pm 2\%$
Resolution	0.5%
Temperature range	0° C to +220° C
Measuring range for oil measurement	+50° C to +200° C
Accuracy	$\pm 1^\circ$ C
Resolution	1° C
Housing operating temperature	-20° C to +50° C
Storage temperature	-25° C to +60° C
Battery	3V lithium
Dimensions	125 x 54 x 22 mm (excluding probe)
Housing material	ABS (suitable for food products)
Weight	approx. 200 g
Protection class	water-proof IP 67
Battery change	by user possible
Battery life	approx. 5 years
Certificate	2 point factory calibration

**Food Oil Monitor FOM 310**



Applications		
<ul style="list-style-type: none"> <li>Determine the optimum frying point</li> <li>Measure hot oil directly in the deep fryer</li> </ul>	<ul style="list-style-type: none"> <li>Restaurants/Canteens</li> <li>No health risks caused by spent oil</li> </ul>	<ul style="list-style-type: none"> <li>Fast, reliable on-site measuring</li> <li>Change oil only when necessary</li> </ul>

Attributes		
<ul style="list-style-type: none"> <li>Determine precisely the quality of frying oil</li> <li>0 to 40% polar compounds</li> <li>Temperature measurement up to +220° C</li> </ul>	<ul style="list-style-type: none"> <li>Results within 10s (simultaneous display of temperature and polar compounds)</li> <li>Limit indication by flashing light (red/yellow/green)</li> </ul>	<ul style="list-style-type: none"> <li>Waterproof</li> <li>Robust and impact resistant</li> <li>Can be calibrated for several types of oil</li> </ul>

Description	Type	Part No.
Food oil monitor set (incl.: food oil monitor, protective cover, test oils, case)	FOM 310 set	1340-1522

## Food Oil Monitor – at least 10% savings on oil! Accessories for FOM 310

### Accessories



**AM 110**  
Carrying case



**AG 160**  
Stainless steel bracket



**AM 140**  
Protective cover

Description	Type	Part No.
Carrying case	AM 110	1340-1590
Test oil	AM 100	1340-1595
Protective cover for FOM 310	AM 140	1341-0596
Stainless steel bracket	AG 160	1340-0595
Stainless steel bracket (FOM 310 with AM 140)	AG 161	1340-0596

Minimum  
Oil-Savings  
**10%**

Mindestens  
**10%**  
Öl-Einsparung