

Food Oil Monitor

FOM 310



Technical Data	
Type	FOM 310
Measuring range oil	0% ... 40% polar compounds
Accuracy	typically $\pm 2\%$
Resolution	0.5%
Temperature range	0° C ... +220° C (32° F ... 428° F)
Measuring range for oil measurement	+50° C ... +200° C (122° F ... 392° F)
Accuracy	$\pm 1^{\circ}$ C
Resolution	1° C
Housing operating temperature	-20° C ... +50° C (-4° F ... 122° F)
Storage temperature	-25° C ... +60° C (-13° F ... 140° F)
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

FOM 310



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

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

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

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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	AG 140	1340-5005
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