



EMC
EN: 61326
EN: 60825-1



High Quality Sensor

Model 70

DT-70 is a handy measuring instrument for fast testing of cooking oils. It can display the temperature of the cooking oil and TPM value. The TPM value (total polar materials) enables a statement on the ageing of cooking oils due to the effects of heat.

Features

Display the temperature of the cooking oil: Indicator for correct setting of the deep fat fryer, checking of integrated temperature displays.

Display the TPM value: Indicator for the aging of the cooking oil.

The sensor works on a capacitive basis and determines as the reading the total polar materials as a %

Specifications

Measuring range	Temperature: 40 to 200°C; (104 to 392°F) TPM: 0 to 40%
Accuracy	Temperature: $\pm 1.5^{\circ}\text{C}$ TPM: $\pm 2\%$
Resolution	Temperature: 0.1°C TPM: 0.5%
Battery life	approx 25h of continuous operation (corresponds to 500 measurements)
Operating temperature	0 to 50 °C
Storage/transport temperature	-20 to 70 °C
TPM response time	< 30s
Protection class	IP68

Size(HxWxD): 365mm x 48mm x 26mm Weight: 248g

Accessories: 2x1.5V^{AAA} batteries, Carrying case and Gift box.

