CEM DT-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.

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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: 40.0 to 200°C;(104.0 to 392.0°F) TPM: 0 to 40% |
|-----------------|--|
| Accuracy | Temperature:±1.5℃ TPM: ±2% |
| Resolution | Temperature:0.1°C |

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| | TPM: 0.5% |
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| Battery life | approx 25h of continuous operation(corresponds to 500 measurements) |
| Operating temperature | 0 to 50 ℃ |
| Storage/transport temperature | -20 to 70 ℃ |
| TPM response time | < 30s |
| Dimensions (LxWxH) | 365x48x31 |
| Housing material | ABS+PC 、TPE |
| Protection class | IP68 |

② +982165565901

© +982144584619

+989034119385

Q Tehran, Tehransar