

**Successor to the well-proven FOM 300 frying oil quality tester:  
FOM 310 for perfect frying oil quality and savings of more than 10%**

For caterers, operators of frying kitchens and canteens as well as food inspectors, the measurement specialist ebro of Ingolstadt/Germany has further developed the field-proven FOM 300 frying oil quality tester and will launch its new replacement, the FOM 310, in June 2005. It can measure the frying oil quality in hot oil within 5 seconds and has an oil quality measuring range of 0 to 35% polar parts with a resolution of 1% and a typical accuracy of  $\pm 2\%$ . The device is offered in a new, modern design and has a green, yellow or red flashing LED, which indicates to the user the right moment to change the frying oil. This avoids health hazards, and the optimum use of the oil enables a saving of oil of at least 10%.

The heart of this device is an extra-long sensor with a sensing element made of stainless steel, gold and ceramics, which is directly immersed into the hot oil of the deep fat fryer and measures the polar parts in the range from 0% for fresh oil up to 35% for used oil. Reference measurements with fresh and with used oils enable the customer to calibrate the device with his own type of oil on site. Unlike other measuring methods, cooling-down of the oil is not required. Factory installed settings for several types of oil have been made.

The battery-operated FOM 310 with simple 1-key-operation has an additional temperature measuring range from 0 to  $+220^{\circ}\text{C}$  with a resolution of  $1^{\circ}\text{C}$  and an accuracy of  $\pm 1^{\circ}\text{C}$ . The temperature and the polar parts as a percentage are indicated at the same time on the large display. The battery has a lifetime of up to 5 years and can be directly replaced by the user.

**Legend:** The handy FOM 310 measuring instrument can determine the quality of the hot frying oil within approximately 5 seconds.

**Press relations/Advertising:**

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