

Frying Oil Monitor

DOM-24



Identifies the Best Time to Replace Oil

- Allows you to safely cook delicious fried foods
- Lower costs by using oil right up until it needs to be replaced
- Lowers oil usage and reduces waste

Measurement Items	Total Polar Materials (TPM) Acid Value(AV)	Measurement Range	TPM : 0.5 to 40.0% A V : 0.00 to 9.99	Temperature Range	°C : 0 to 225°C °F : 32 to 437°F
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No preparation or set up required. Ready to read the moment it is immersed in frying oil.

1

Press and hold the START button for approximately 1 second.

2

Press the SW1 button to choose between measuring in AV or TPM scales.

*TPM is active on startup

3

Press the START button. The instrument will begin taking measurements. Insert the sensor into the oil, and stir the oil.

4

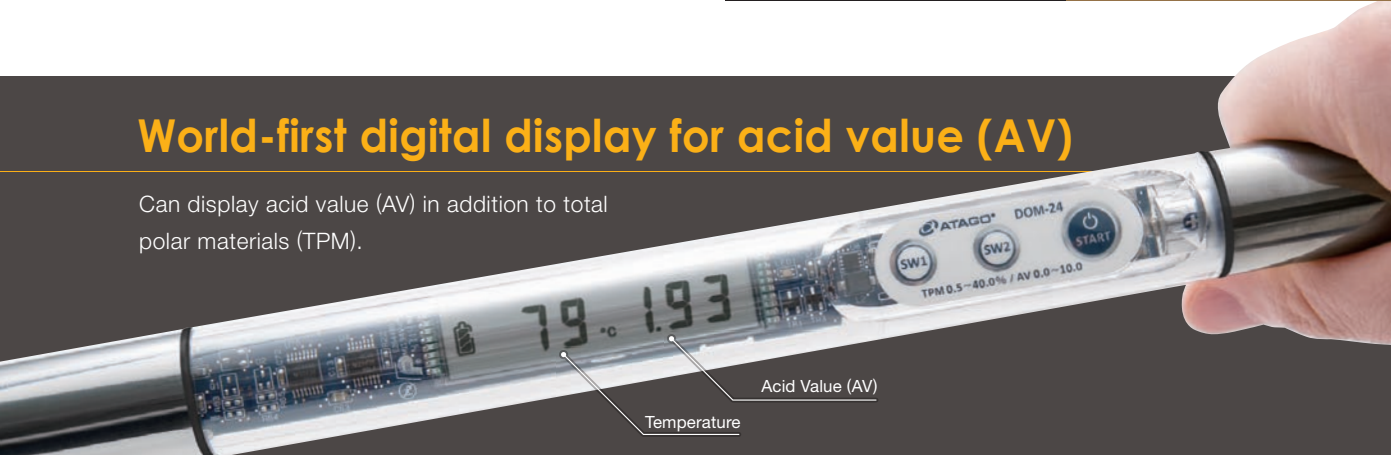
Measurement results (temperature and TPM) will be displayed once stability is reached (within approx. 30 sec).

Specifications

Cat.No.	9341	Measurement accuracy	TPM : ±2.0% (20 to 200°C / 68 to 392°F) AV : ±0.2 Temperature : ±1°C / ±2°F
Model name	DOM-24	Temperature compensation range	0 to 225°C / 32 to 437°F (accuracy guaranteed from 20 to 200°C / 68 to 392°F)
Measurement range	TPM : 0.5 to 40.0% AV : 0.00 to 9.99 Temperature (°C) : 0 to 225°C Temperature (°F) : 32 to 437°F	Power supply	Size AAA alkaline battery × 2
Resolution	TPM : 0.5% AV : 0.01 Temperature : 1°C/1°F	International protection class	IP67
		Dimension and weight	22(φ)×490(w)mm, 400g (Main unit only)

World-first digital display for acid value (AV)

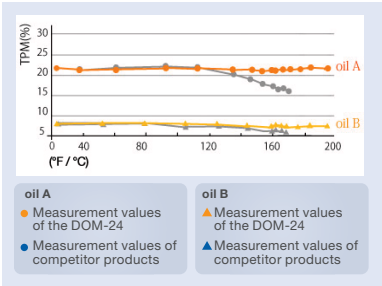
Can display acid value (AV) in addition to total polar materials (TPM).



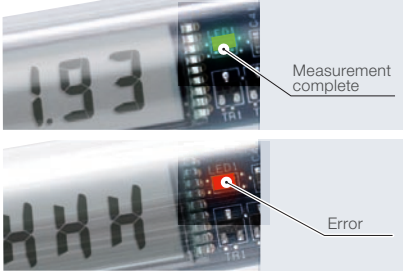
Can display deterioration as a numerical value so anybody can take a reading

Stable and reliable measurement values

The DOM-24 is equipped with automatic temperature compensation (ATC), making it capable of measurements at a wide temperature range of 0 to 225°C. The DOM-24 can provide stable and reliable measurement values, even at high-temperatures.



Easy confirmation with LED



Functional Use Beyond Simple Design

Avoiding burn injuries

To improve the safety of employees and contribute to the reduction in the risk of burns.



Can be used to stir the oil

Due to oil having layers, temperature and degradation levels may not be uniform throughout. Stirring the oil with the product can produce more consistent results.



Sturdy construction with a protective cover



Shock-resistant & splash proof

Rated IP67 (Water resistant)

Designed to be used safely around water. Wash away stubborn oil stains with regular dish soap under running water. Instrument will survive accidentally being dropped in water.



Impact-resistant body

Confirmed to continue working even if dropped accidentally from waist height so you can relax and let all of your employees use it without worry.