

**sisco**

**Frying Oil Tester**  
**SISCO-OT-YT-SYP**



## Overview

The YT-SYPJ cooking oil quality tester is a rapid, safe, and efficient edible oil quality tester capable of quickly detecting the content of total particulate matter (TPM) in edible oils. This product can be used in environments with high oil temperatures and is suitable for quality testing of various frying oils.

The YT-SYPJ edible oil testing machine is particularly suitable for use by food and drug administrations, quality inspection departments, school and company canteens, chain fast food restaurants, food processing enterprises, fried food manufacturers, bakeries, and other industries. It can also be used in laboratories for preliminary screening of edible oil quality and identification of inferior oils and gutter oil. This edible oil quality tester helps you achieve the goals of inspecting oil quality, saving edible oil, and ensuring food safety.

## Detail



## Key Features and Advantages

1. Easy to operate, on-site verification, and suitable for various operating environments.
2. Fast measurement. Measurement results are available in 3 seconds with flashing indicators for different quality ranges.
3. No secondary pollution. The probe is made of food-grade environmentally friendly materials, ensuring no secondary pollution.
4. Waterproof design. The instrument is designed with an IP67 protection rating.
5. Portability. It uses a 900mAh lithium-ion rechargeable battery, which is economical, environmentally friendly, and durable. The TYPE-C charging port provides fast and convenient charging.
6. Streamlined design, ergonomic and easy to hold.

7. Tube-shaped streamlined probe design reduces liquid residue after testing and facilitates cleaning.
8. Adjustable TPM alarm upper and lower limits.
9. TPM parameter calibration function.
10. Data can be uploaded wirelessly via Wi-Fi or locally.
11. Standard ZJR cloud management platform allows for historical data management, analysis, and evaluation, and also allows uploading to third-party platforms.
12. Factory reset capability.
13. Data retention function.

## Specs

- Measurement Temperature: 0°C ~ 200°C
- Temperature Resolution: ±0.1°C
- Temperature Measurement Accuracy: ±1°C
- TPM (Polar Compound Content): 0 ~ 50%
- TPM Measurement Accuracy: ±1.5%
- TPM Resolution: 0.1%
- Temperature Sensor: PTC Sensor
- TPM Sensor: Capacitive Sensor
- TPM Response Time: <3S
- Oil Quality Indicator: High/Low Frequency Flashing Indicator
- Operating Temperature: 0 ~ +50°C
- Storage Temperature: -40 ~ +70°C
- Display: OLED High-Brightness LCD Screen, 5-Level Adjustable Brightness
- Housing Material: High-Quality PC Engineering Plastic
- Probe Material: 316 Food-Grade Stainless Steel
- Protection Rating: IP 67
- Battery Life: Continuous Use for at least 30 Hours
- Data Storage: 10,000 Data Records
- Weight: 275g