

# Lovibond® Colour Measurement Tintometer® Group



## Model Fx

Benchtop spectrophotometer optimised for analysis of edible oils



- Guaranteed site-to-site comparability with accurate and precise spectrophotometry
- Avoid inconsistent readings with controlled sample temperature
- Ensure measurement consistency with easy to clean, removable sample chamber
- Save benchtop space in your QC laboratory with a smaller instrument footprint

货号: 169200

### **Guaranteed Temperature Consistency**

The Lovibond® Model Fx solves the temperature problems associated with consistently measuring the colour of edible oils and addresses the need for quickly delivering accurate results. If samples are not properly prepared before measurement, turbidity caused by the crystallisation of the samples will lead to inconsistent readings. The integrated sample cell heater ensures consistent and uniform temperature throughout the sample resulting in accurate measurements.

### **Optimised for Production Environment**

Reliable and repeatable test results are key to ensuring final product quality and minimise production costs. Speed of analysis is vital for efficient process control. The simplicity of operation helps reduce errors and increase productivity. The instrument's aluminium housing is chemical resistant and intended to withstand the hazards of the production environment.

### **Save Costs, Misinterpretation and Potential Disputes**

Suppliers and buyers need a common language to communicate and determine product quality. The Lovibond® Model Fx automatically reports key measurements to ensure that data is collected consistently and is reproducible by different users or across multiple sites. Should disagreement occur between supplier and customer, this additional information can help resolve any dispute, saving time and costs.

### **Ensures Compliance to Standards**

The Lovibond® Model Fx measures colour according to the Lovibond® RYBN, Lovibond® RY, Lovibond® RY10:1, AOCS Tintometer® RY, Chlorophyll & Beta-Carotene scales which are commonly used in the Edible Oil Industry. The accuracy, repeatability and reproducibility of data provided by the instrument allow for tighter colour specifications and greater colour consistency, giving companies the confidence needed to make important decisions regarding high-value commodities and refining operations.

行业

其他行业 | 化工行业 | 油气 | 食品和饮料行业

应用

食用油和脂肪

辅料

标题	货号
W600/B/10 硼硅酸盐玻璃	655960
W600/B/25 硼硅酸盐玻璃	655990
W600/B/33 硼硅酸盐玻璃	656010
W600/B/40 硼硅酸盐玻璃	656020
W600/B/100 硼硅酸盐玻璃	656030
W600/B/1/16" 硼硅酸盐玻璃	656044
W600/B/1/8" 硼硅酸盐玻璃	656054
W600/B/1/4" 硼硅酸盐玻璃	656064
W600/B/1/2" 硼硅酸盐玻璃	656074
W600/B/1" 硼硅酸盐玻璃	656080
W600/B/2" 硼硅酸盐玻璃	656090
W600/B/3" 硼硅酸盐玻璃	656104
W600/B/4" 硼硅酸盐玻璃	656114
W600/B/5" 硼硅酸盐玻璃	656124
W600/B/5 1/4" 硼硅酸盐玻璃	656130
W600/B/50 硼硅酸盐玻璃	656200

**Model Fx**

The Lovibond® Model Fx solves the temperature problems associated with consistently measuring the colour of edible oils and addresses the need for quickly delivering accurate results. Misreading from crystallisation can be eliminated with its ability to keep the oil at a constant temperature and report the temperature of the sample.

Technical Data	
Applicable Standard	AOCS Cc 8d-55 AOCS Cc 13b-45 AOCS Cc 13d-55 AOCS Cc 13e-92 AOCS Cc 13j-97 BS684 BS684 Section 2.20 Chinese GB/T 22460-2008 IS 548 (part 1)-2010 ISO 15305 ISO 27608 MS 252 : Part 16 MS 817 : Part 12
颜色类型	Transparent
波长范围	380 - 780 nm
波长精度	0.2 nm
光谱范围	< 15 nm
光度范围	0 - 100 % T
光度线性	± 0.01 % T
杂散光	< 0.01 % T
检光器	Spectrometer
数据接口	USB RS 232
便携性	便携式
触摸屏	no
输入电压	110 VAC, 250 VAC, 60 W (24 V)
一致性	CE
多语言操作界面	英文, 德文, 法文, 西班牙, 意大利, 葡萄牙, 俄语, 日语, 中文
尺寸	301 x 152 x 331 mm

标准配置文本

—■ Model Fx instrument

—■ External power supply

—■ Set of 3 power leads (UK, European and United States)

—■ Quick start guide (hard copy)

—■ USB memory stick (containing the manuals)

—■ Certificate of conformity

—■ Conformance filter

—■ W600/B/1" cell (Borosilicate, 1" path length)

—■ W600/B/5¼" cell (Borosilicate, 5¼" path length)

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