

# Lovibond® Colour Measurement Tintometer® Group



## AF 710-3

Visual Grading for the Wesson Method



- Visual Grading of Oils & Fats
- Approved by the American Oil Chemists Society (AOCS)
- Measures According to AOCS Official Method Cc 13b-45

Part Number: 107103

### Visual Colorimeter for AOCS Official Method Cc 13b-45, the Wesson Method

The AF 710 is a visual colorimeter designed to optimise the use of Lovibond® glass filters in order to express colour in terms of the AOCS-Tintometer® Colour Scale. The AOCS-Tintometer® Colour Scale is a special red and yellow version of the Lovibond® RYBN scale using the AOCS-Tintometer® Red Scale (which is not the same as the Lovibond® standard red scale). The AF 710-3 accommodates the special flat-bottomed glass sample tubes specified in the AOCS Official Method Cc 13b-45, which are marked to indicate an oil column of  $\frac{1}{2}$ ", 1" and  $\frac{5}{8}$ ".

### International Standards Approval

The Lovibond® AF 710-3 is a visual instrument approved by the American Oil Chemists Society (AOCS) for colour grading of oils and fats.

### Easy Determination of Colour

You can easily measure the colour of the sample by comparing light transmitted through a column of oil with that transmitted through a series of red and yellow glasses calibrated in accordance with the AOCS-Tintometer® Colour Scale. The glasses are varied until a colour match is found for the light passing through the oil. You can then express this colour in units of red and yellow.

### No Excessive Ambient Light

The tube holder, which prevents light from entering the sides of the tubes, houses two tubes, one containing the sample and the other allowing an equal amount of light to reach the colour glasses.

## Industry

Chemical Industry | Food and Beverage Industry | Industries Others | Oil and Gas

## Application

Edible Oils and Fats | Household Products | Petroleum Oils and Waxes

## AF 710-3

The AF710-3 is a visual instrument approved by the American Oil Chemists Society (AOCS) for colour grading of oils and fats according to AOCS Official Method Cc 13b-45, the Wesson Method.

## Technical Data

<b>Applicable Standard</b>	AOCS Cc 8d-55 AOCS Cc 13b-45 AOCS Cc 13j-97
<b>Colour Type</b>	Transparent
<b>Power Supply</b>	230 V / 50-60 Hz or 115 V / 50-60 Hz
<b>Portability</b>	Benchtop
<b>Touchscreen</b>	false

## Accessories

Title	Part Number
AF70-3 AOCS Racks	109080
Drip Tray	114199
Porcelain for AOCS	115600
Lamp 12v20w	122340

## Delivery Scope

AF 710-3 is supplied complete with a set of AOCS-Tintometer colour glasses, two glass sample tubes and a calibrated glass filter for regular conformance testing.

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