

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 $5\frac{1}{4}$ ".

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

Applicable Standard	AOCS Cc 8d-55 AOCS Cc 13b-45 AOCS Cc 13j-97
Colour Type	Transparent
Power Supply	230 V / 50-60 Hz or 115 V / 50-60 Hz
Portability	Benchtop
Touchscreen	No

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.

Accessories

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

Tintometer GmbH

Lovibond® Water Testing
Schleefstraße 8-12
44287 Dortmund
Tel.: +49 (0)231/94510-0
Fax: +49 (0)231/94510-30
sales@lovibond.com
www.lovibond.com
Germany

The Tintometer Limited

Lovibond House
Sun Rise Way
Amesbury, SP4 7GR
Tel.: +44 (0)1980 664800
Fax: +44 (0)1980 625412
sales@lovibond.uk
www.lovibond.com
UK

Tintometer China

Room 1001, China Life Tower
16 Chaoyangmenwai Avenue,
Beijing, 100020
Tel.: +86 10 85251111 App. 330
Fax: +86 10 85251001
chinaoffice@tintometer.com
www.lovibond.com
China

Tintometer South East Asia

Unit B-3-12, BBT One Boulevard,
Lebuh Nilam 2, Bandar Bukit Tinggi,
Klang, 41200, Selangor D.E
Tel.: +60 (0)3 3325 2285/6
Fax: +60 (0)3 3325 2287
lovibond.asia@tintometer.com
www.lovibond.com
Malaysia

Tintometer Brazil

Caixa Postal: 271
CEP: 13201-970
Jundiaí – SP
Tel.: +55 (11) 3230-6410
sales@tintometer.com.br
www.lovibond.com.br
Brazil

Tintometer Inc.

6456 Parkland Drive
Sarasota, FL 34243
Tel: 941.756.6410
Fax: 941.727.9654
sales@lovibond.us
www.lovibond.com
USA

Tintometer India Pvt. Ltd.

Door No: 7-2-C-14, 2nd, 3rd & 4th Floor
Sanathnagar Industrial Estate,
Hyderabad, 500018
Telangana
Tel: +91 (0) 40 23883300
Toll Free: 1 800 599 3891/ 3892
indiaoffice@lovibond.in
www.lovibondwater.in
India

Tintometer Spain

Postbox: 24047
08080 Barcelona
Tel.: +34 661 606 770
sales@tintometer.es
www.lovibond.com
Spain

Technical changes without notice
Printed in Germany

Lovibond® and Tintometer® are Trademarks of the Tintometer Group of Companies