

# Lovibond® Colour Measurement Tintometer® Group



## AF333 Iodine Colour Scale (DIN 6162)

Measure Color to Iodine Scale Specified in DIN 6162



- Self-Contained Kit with Everything You Need to Measure Iodine Color
- Measures Yellow to Brown from 1 (Lightest) to 500 (Darkest)
- Fast, Economical & Portable Visual Matching
- Two-Field Vision for Accurate Results

Part Number: 433330

### Everything You Need to Measure to The Iodine Color Scale (specified in DIN 6162)

The Iodine Color Scale varies from yellow to brown as defined by specified dilutions of an iodine solution, ranging from 1 for the lightest color to 500 for the darkest. It is used mainly in European countries for solvents, plasticisers, resins, oils and fatty acids. For color registering 1 or less on the Iodine Color scale, Platinum-Cobalt Units would be applicable.

### Fast, Economical & Portable Visual Matching

The Comparator 2000+ is a flexible, modular system for Visual Color Grading. Using a suitable comparator instrument and glass disc, you can quickly visually match the sample directly against the calibrated, color stable glass standards.

### Two-Field Vision for Accurate Results

Lovibond® comparator instruments include an integrated prism which causes the sample and comparison fields to overlap, allowing enhanced color discrimination and matching. The prism is ultrasonically sealed to prevent contamination of the optics. Each individually graded glass standard represents a discrete step on the measurement range (as opposed to a continuous graduation), aiding color discrimination and allowing great accuracy of results.

### Ability to Guarantee Constant Lighting Conditions

An optional item for the Comparator 2000+ is the Daylight 2000 Lighting Unit. This is a standardized light source which guarantees you a constant lighting condition for accurate color grading. This is particularly useful when the sample is very pale in color. By using a Lovibond® lighting unit, you can be confident of uniform lighting conditions for color matching, 24 hours a day and irrespective of ambient lighting.

### Extended Shelf Life

The unique feature of Lovibond® test discs is that they incorporate colored glass standards that are color stable and not affected by UV light or extreme environmental conditions.

Please note, we cannot guarantee compatibility of discontinued Lovibond® Comparator 1000 disks with the Lovibond® 2000+ Comparator.

## Industry

Chemical Industry | Industries Others | Oil and Gas

## Application

Chemicals | Edible Oils and Fats

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Visual measurement of the Iodine Color scale as specified in DIN 6162 which varies from yellow to brown as defined by specified dilutions of an iodine solution, ranging from 1 for the lightest color to 500 for the darkest. It is used mainly in European countries for solvents, plasticisers, resins, oils and fatty acids. For color registering 1 or less on the Iodine Color scale, Platinum-Cobalt Units would be applicable.

## Technical Data

**Applicable Standard** DIN 6162

**Color Type** Transparent

**Portability** Portable

## Delivery Scope

- 1 x Lovibond® 2000+ Comparator
- 1 x Comparator Daylight 2000+
- 1 x 4/57 Iodine 1-9 disc
- 1 x 4/58 Iodine 10-50 disc
- 1 x 4/59 Iodine 60-300 disc
- 1 x W680.OG.10mm cell
- 1 x W680.OG.25mm cell

### Tintometer GmbH

Lovibond® Water Testing  
Schleefstraße 8-12  
44287 Dortmund  
Tel.: +49 (0)231/94510-0  
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, 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> 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

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