

# Lovibond® Colour Measurement Tintometer® Group



## AF333 Iodine Color 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

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