

# Lovibond® Colour Measurement Tintometer® Group



## AF327 Pt-Co/Hazen/APHA Color, Low Range, 0 - 70 mg

Visual Color Grading of Platinum-Cobalt/Hazen/APHA Color (Range 0 - 70 mg)



- Complies with the Path Length Requirements of ASTM D 1209,
- Fast, Economical & Portable Visual Matching
- Two-Field Vision for Accurate Results
- Ability to Guarantee Constant Lighting Conditions

Part Number: 433270

### Enables You to Comply to ASTM 1209

The Lovibond® AF327 is a special kit for visual color grading of Platinum-Cobalt/Hazen/APHA Color over the range 0 - 70 mg Pt/l. It enables you to comply with the path length requirements of ASTM D 1209, which specifies a system for color comparison where a 100 ml column of sample 275 - 295 mm in length is matched with Platinum-Cobalt solutions.

### 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 | Food and Beverage Industry | Oil and Gas |  
Pharmaceutical Industry

## Application

Chemicals | Edible Oils and Fats | Petroleum Oils and Waxes |  
Waste Water Treatment

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## Technical Data

**Applicable Standard** ASTM D1209  
ISO 6271

**Color Type** Transparent

**Portability** Portable

## Delivery Scope

- 1 x Nessleriser Daylight 2000+
- 1 x Hazen D1209 0-30 Disc
- 1 x Hazen D1209 30-70 Disc
- 1 x 1209 Nessleriser body
- 1 x Pair Nessler Cylinders
- 1 x Deionized Water

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