Lovibond® Colour Measurement

Tintometer® Group

AF329 Platinum-Cobalt/Hazen/APHA Units

Visual Colour Grading of Platinum-Cobalt/Hazen/APHA Colour (Range 0 - 250 mg)



- Ideal for Light Yellow Liquids such as Water, Oils and Chemicals
- Fast, Economical & Portable Visual Matching
- Two-Field Vision for Accurate Results
- Ability to Guarantee Constant Lighting Conditions

Part Number: 433290

Greater Measurement Sensitivity and Accuracy

The Lovibond® AF329 is a special kit for visual colour grading using Platinum-Cobalt/Hazen/APHA Colour over the range 0 - 250 mg Pt/l. It is typically used for light yellow liquids such as water, oils and chemicals. The colour is determined by visually matching a column of sample in a Nessler cylinder with precalibrated coloured glass standards, which are stablecoloured and not affected by UV light or extreme environmental conditions. Because the sample colours are relatively unsaturated, the kit employs a long path length Nessleriser comparator to give accurate readings .

Fast, Economical & Portable Visual Matching

The Comparator 2000+ is a flexible, modular system for Visual Colour Grading. Using a suitable comparator instrument and glass disc, you can quickly visually match the sample directly against the calibrated, colour 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 colour 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 colour 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 standardised light source which guarantees you a constant lighting condition for accurate colour grading. This is particularly useful when the sample is very pale in colour. By using a Lovibond® lighting unit, you can confident of uniform lighting conditions for colour matching, 24 hours a day and irrespective of ambient lighting.

Extended Shelf Life

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

Please note, we cannot guarantee compatability 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 | Pharmaceuticals and Cosmetics

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Delivery Scope

- 1 x Nessleriser Daylight 2000+
- 1 x Stand for Nessleriser Unit
- 1 x NSB Hazen scale disc
- 1 x CAA Hazen scale disc
- 1 x CAB Hazen scale disc
- 1 x 2150 Nessleriser body
- 1 x 2250 Nessleriser body
- 1 x Pair of Nessler cylinder AF306P
- 1 x Pair of Nessler cylinders 250mm DB420

Technical Data

Applicable Standard	ASTM D1209 ISO 6271
Colour Type	Transparent
Portability	Portable

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