Lovibond® Colour Measurement

Tintometer® Group

AF335 USP Colour Scale

Self-Contained Kit to Grade Pharmaceutical Solutions According to USP Colour

- Fast, Economical & Portable Visual Matching
- Two-Field Vision for Accurate Results
- Ability to Guarantee Constant Lighting Conditions

Part Number: 433350

Everything You Need to Grade Pharmaceutical Solutions According to USP Colour

This kit includes four colour-grading discs, each containing stable-coloured glass standards that represent a portion of the US Pharmacopoeia Colour scale. The sample (in a 40 mm glass cell) is viewed in a Lovibond® Comparator 2000+ with the appropriate test disc until a colour match is obtained.

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.

Supports Multiple Path Lengths

The standard Comparator 2000+ is a short path length instrument (up to 40 mm) to be used with relatively dark colours. Nessleriser systems are longer path length instruments to enable you to match a column of sample in a glass cylinder of appropriate path length. They are designed for measuring unsaturated samples that are below the sensitivity of the Comparator 2000.

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.

One Instrument - 100's of Discs

There are literally hundreds of glass discs available for you to chose from: ranging from the more standard scales such as the EBC (European Brewing Convention) scale to more obscure scales or even bespoke scales that we have made for customers. No challenge is too great.

Integrated Kits for On-Site, Immediate Use

For several scales, we also provide integrated kits containing everything you need to start measuring straight from the box.

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

Industry

Pharmaceutical Industry

Application

Medical and Clinical Products | Pharmaceuticals and Cosmetics

AF335 USP Colour Scale

The Comparator 2000+ is an easy-to-use, entry level colour measurement system that compares the colour of the sample directly against the colour of glass in a disc. All you need to do is rotate the disc to get the closest result to the scale.

Technical Data

Applicable Standard	USP 631
Color Type	Transparent
Portability	Portable

Delivery Scope

Kit Containing

- 1 x Lovibond® 2000+ Comparator
- 1 x Comparator Daylight 2000+
- 1 x 4/66A USP Disc Range A-E
- 1 x 4/66B USP Disc Range F-J
- 1 x 4/66C USP Disc Range K-O
- 1 x 4/66D USP Disc Range P-T
- 2 x W680/OG/40mm Cell (Cal 20ml)

SPHERA GROUP

SPHERA GROUP s.r.o.
info@sphera-group.cz
Tel: +420 226 886 248
Průmyslová 7 Business Park
102 00 Praha, Czech Republic