

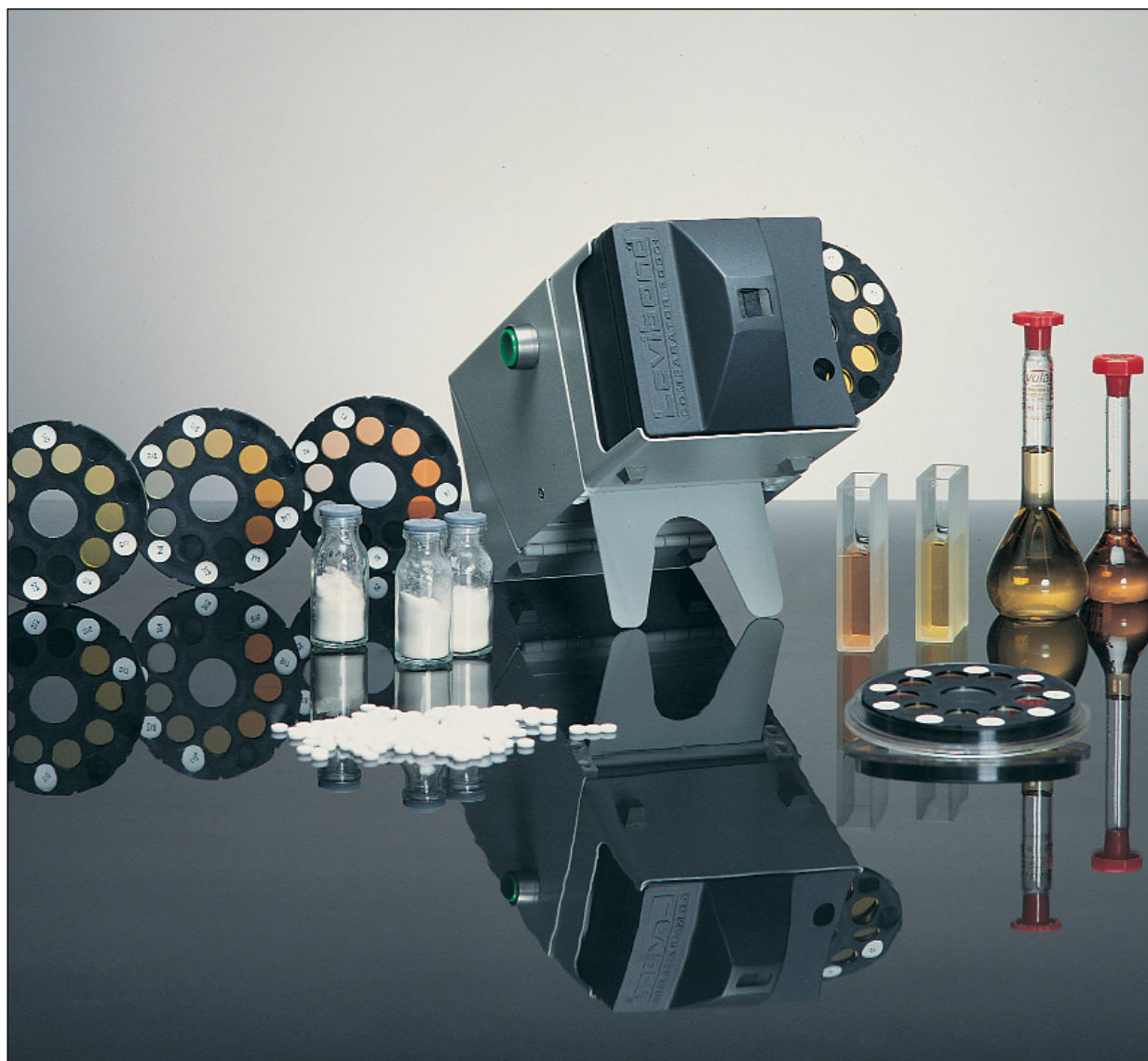
**Lovibond® Colour Instruments**



# **Colour Grading according to US Pharmacopoeia Colour**

*Economical  
all-in-one kit*

## **Lovibond® AF335**



## Lovibond® AF335

### Colour Grading according to US Pharmacopoeia

#### USP Colour Grading

US Pharmacopoeia methods for colour assessment of pharmaceutical fluids include comparison with 'matching fluids' formulated from dilutions of primary red, yellow and blue. However, the colour of these liquid standards is stable only for a limited period so, to ensure reliable results, new stock solutions must be prepared regularly. Their preparation requires considerable time and care as any slight variation may give rise to inaccuracies and inconsistent results. By comparison, glass colour standards are simple to use, quick to obtain results and eliminate the time-consuming procedures involved when using matching fluids for colour grading.

#### AF 335 Test Kit for Visual Grading of USP Colour

Based on the Lovibond® Comparator System 2000, this kit is a convenient means of ordering the complete range of equipment required for grading pharmaceutical solutions according to USP Colour. It 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.

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|-----------------------------|--|
| Comparator 2000+            | A high quality comparator instrument designed for colour matching of liquid samples with the precalibrated coloured glass standards housed in Lovibond® test discs. It includes an integrated prism, which brings the sample and the colour standard together in a single field of view and an adjustable sample cell compartment. |
| Daylight 2000 Lighting Unit | Accuracy in colour grading benefits from a constant and stable light source. The Daylight 2000 Lighting Unit is a standardised bench-top light source, which guarantees constant and uniform lighting conditions for colour matching, 24 hours a day and irrespective of ambient lighting.   |
| USP disc 4/66A              | Test disc containing 5 coloured glass filters precalibrated to A, B, C, D, E   |
| USP disc 4/66B              | Test disc containing 5 coloured glass filters precalibrated to F, G, H, I, J   |
| USP disc 4/66C              | Test disc containing 5 coloured glass filters precalibrated to K, L, M, N, O   |
| USP disc 4/66D              | Test disc containing 5 coloured glass filters precalibrated to P, Q, R, S, T   |
| 2 x W680/OG/40 mm cell      | A pair of precision fused optical glass cells with a 40 mm path length   |

**Order Code 43 33 50.** The items contained in the kit can also be ordered individually if required.

