



KONICA MINOLTA

Spectrophotometer **CM-3700A**

Reference grade spectrophotometer for
reflectance and transmission



Giving Shape to Ideas

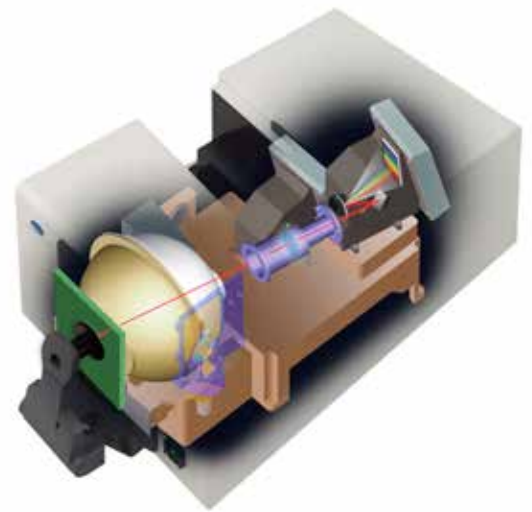
Maximum Performance

Colour Measurement

The CM-3700A is proof of Konica Minolta's leadership in advanced optical technology and measuring instruments. "State of the Art" in every functional detail the CM-3700A is designed for maximum performance to act as a reference instrument in a global colour management network, for specifying digital colour standards to a supply chain or where the very highest level of accuracy is required.

→ Superior Build Quality

Manufactured without compromise, the entire optical double-monochromator-system is designed to exceed the requirements of international standards. Only aluminium and stainless steel are used to build the chassis of our flagship instrument, its optical system is mounted on a solid aluminium alloy block providing long-term stability and preventing even slight temperature deformation. The integrating sphere is made from solid aluminium, coated to a meticulous standard in-house with barium sulfate which is specially selected for the purity of its whiteness as a near perfect diffuser.



→ Superior Accuracy and Stability

The superiority of the CM-3700A in terms of absolute accuracy and long term stability, especially on very dark or high chromaticity colours has been recognised by top ranking institutes and leading companies throughout the colour industry. Attention to detail and high level build quality results in exceptional inter instrument agreement from the moment the CM-3700A leaves production. This makes it the ideal instrument for global colour management systems, particularly those using digital colour standards.

→ UV-filter to characterize optical brightening agents

For measurement of samples treated with optical brightening agents (OBA), the UV-cut filter enables motorized adjustment of the UV content for measurements of materials such as paper, detergents, coatings, textiles and other materials containing OBAs.



High-Precision and High-Versatility

→ Reflectance and transmittance colour measurement in one device

To measure the spectral characteristics of transparent or translucent samples, the large and accessible transmittance chamber of the CM-3700A offers a high level of flexibility in terms of measurable sample size. Specially designed accessories are available for the optimum accuracy and repeatability of measurements of liquid samples or PET-preforms.



Sideless transmittance chamber for unlimited sample length (Maximum thickness: Approx. 50 mm).

! Top 5 Features

1. Maximum Performance Colour Measurement (exceeding international standard requirements)
2. Superior Build Quality
3. Superior Accuracy and Stability
4. Unmatched Inter-Instrument-Agreement
5. Perfect solution for colour management in global supply chains



