

KO | BRINGING QUALITY INTO FOCUS

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Mirrors for Colorimeters

Colorimeters measure colour in a substance, for example in water. It defines the measurement of the colour to enable its identification, using the lightwave spectrum. Colorimeters are a form of a spectrophotometer.

The use of [mirrors in the system](#), redirect the light beam from the light source to the sample and back to the sensor to enable a reading. Knight Optical provide high quality coated front surface mirrors of varying reflection averages from stock and to custom specifications.

Knight Optical provide several metallic coatings such as:

- [UV Enhanced Aluminium](#)
- [Enhanced Aluminium](#)
- [Protected Silver](#)
- [Protected Gold](#)
- [Visible Dielectric](#)
- [NIR Dielectric](#)

These are all available as custom coatings depending on your requirements for your colorimeter.

All our mirrors are fully inspected on their quality in our ISO 9001:2015 certified, state-of-the-art Metrology laboratory, using our Varian Cary 5000 with UMA attachment for measuring coating reflectivity and our Starrett AV300 Video Imaging Device for dimensions. This allows us to work to the highest [QA standards](#) and meet the tolerance specifications on these precision components.

[Contact our technical sales team](#) to discover how Knight Optical's high quality mirrors bring quality into focus.

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