

# NEW LUMINANCE & COLOUR METER CS-150 / CS-160

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**Konica Minolta Sensing, Inc. announces the introduction of the new lightweight portable Luminance & Colour Meter CS-150 and CS-160.**

The new CS-150 and CS-160 are portable, non-contact digital tristimulus colorimeters for measuring the luminance and chromaticity of light sources and objects. These lightweight instruments can be operated from a PC via USB, or using the ergonomic pistol grip and battery power, meaning this versatile luminance & colour meter can be used for almost any application. Even difficult-to-touch objects such as high temperature products, wet paint and items still in production can be measured. Data management software is included as standard, which enables remote measurement, management and export of data via USB 2.0.

The CS-150 and CS-160 spot incident colour meters are a truly next generation instrument, a worthy successor to the CS-100A. The new instruments benefit from the same user friendly design features as their predecessor: including a pistol grip for accurate targeting, an optical system designed to practically eliminate the impact of flares and an internal display so luminance measurement data can be viewed from within the viewfinder. Full measurement results are shown on a large external monochrome display. Close-up lenses (optional) are available to enable areas as small as 0.4mm diameter (CS-160) to be measured, a range that was not available with the previous generation (CS-100A 1° acceptance angle only).

The CS-150 and CS-160 offer operators a dramatically improved measurement range of 0.01 cd/m<sup>2</sup> to 999,900 cd/m<sup>2</sup> (CS-150) and 0.1 cd/m<sup>2</sup> to 9,999,000 cd/m<sup>2</sup> (CS-160) providing accurate data for an even wider range of applications. Practically anything that illuminates or reflects light can be measured with Konica Minolta's portable luminance and chromaticity meters. The possible uses range from research and development to production. The integration time can even be adjusted to suit constant or flickering light sources.



The CS-150 and CS-160 feature a sensor with improved performance to the CIE 1931 colourmatching functions and correlation to the CIE Relative Photopic Luminosity Curve, ensuring improved accuracy. Aside from the measurement of absolute values, the instrument can also display values relative to a defined standard. Enabling the operator to quickly identify and record differences in luminance and chromaticity across large surfaces or similar items.



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#### About Konica Minolta Sensing Europe B.V.:

Konica Minolta Sensing Europe B.V., part of Konica Minolta Inc. Japan, is a leading provider of measurement solutions for applications in the fields of Colour & Appearance and Light Measurements. Konica Minolta Sensing Europe serves the industry in more than 30 countries in the EMEA region with Branches and qualified Distributors. Derived from our state-of-the-art optical and image processing technologies, measuring solutions from Konica Minolta Sensing help improve quality control and support R&D in a wide variety of industries. Our colour management solutions are essential to control and monitor quality in many areas of manufacturing, such as automotive, coatings, plastic, construction materials, food, chemicals and pharmaceuticals. In the area of Light & Display measurement technology, Konica Minolta Colour Analysers enjoy an "industry standard" position. Konica Minolta Sensing will continue to innovate, utilizing the latest high-accuracy sensing technology, providing solutions that meet the ever-changing needs in diverse fields.

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