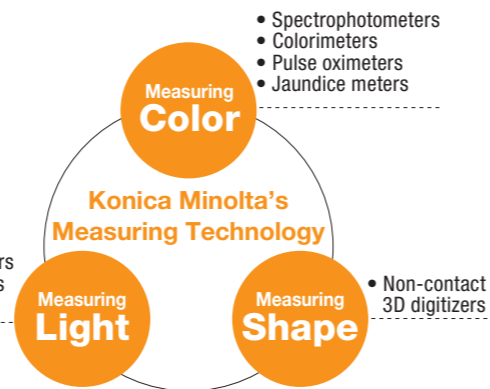


Supporting quality through technologies to measure light, color, and shape

With a strong foundation in technologies for measuring light and measuring with light, Konica Minolta is constantly developing new kinds of measuring instruments for a broad range of applications. Konica Minolta's "yardsticks" are used for measuring and evaluating performance and quality from R&D to production in industry, and for painless medical measurements.



Solar power

Solar power R&D is accelerating, and with it the demand for accurate measurements of solar cell performance. Konica Minolta has developed "Reference PV Cells" for adjusting the intensity of the solar simulators used for evaluating solar cell performance.



Reference PV Cell "AK-200"

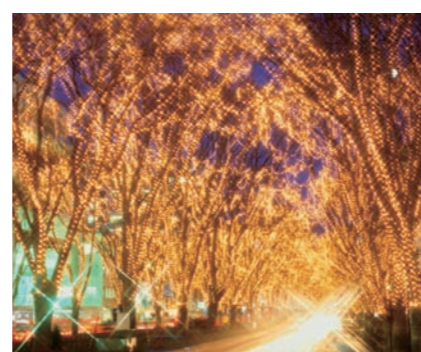


Agriculture

The amount of chlorophyll in plant leaves is a valuable indicator of plant health, and can guide farmers in the timing and level of fertilization required. Konica Minolta has developed a convenient handheld chlorophyll meter that has become widely used throughout the world in the cultivation of various agricultural products such as rice and other grains.



Chlorophyll Meter "SPAD-502Plus"



Next-generation lighting

Energy-efficient lighting such as LEDs are becoming more popular, and both brightness and color are important characteristics for quality control. Konica Minolta's incident-light colorimeters are used in the development and production of various light sources including LED and EL lighting.



Chroma Meter "CL-200A"



Image courtesy of Kyoto National Museum

Cultural assets

Using light to measure the 3D shape of objects, Konica Minolta's non-contact 3D digitizers are used not only for industrial quality control but also for analyzing delicate artworks and fragile cultural assets in order to perform restoration work or create replicas.



"KONICA MINOLTA RANGE 7"



Food products

Color control is also important for food products, and the simple operation, compact size, and light weight of Konica Minolta's colorimeters and spectrophotometers are highly appreciated by food companies for manufacturing, quality inspection, and product grading.



Spectrophotometer "CM-5"

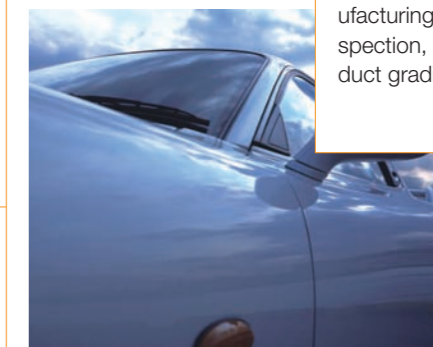


Displays

Color displays are found in a wide variety of products from smartphones to car dashboards to large-screen TVs. Konica Minolta's instruments for measuring the color and brightness of displays have become de-facto standards in many industries.



Spectroradiometer "CS-2000A"



Automobiles

Konica Minolta's color-measuring instruments are used to measure various automobile parts, including molded plastic interior parts as well as the metallic or pearl finishes used on the exterior.



Spectrophotometer "CM-700d"

