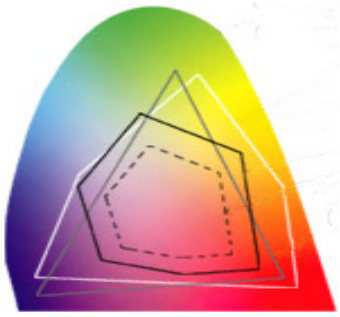


DSM II ColorMeter

...by Cortex Technology

Color Measurement

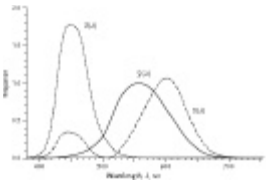
The new DSM II ColorMeter offers a new and innovative approach to color measurement.

Its fully handheld and lightweight design takes advantage of the latest development in color sensing technology, and the cable connected color sensing probe offers the highest degree of freedom and flexibility in operation. Further, a special lens arrangement focuses on the target area and highly reduces the influence of ambient light.

The instrument provides easy selection of different color systems, and calibration by using the supplied calibrator is done in seconds.

For ease of operation the probe is equipped with a guiding light, which illuminates the measurement target prior to taking the reading. Measurements are presented on the backlit LCD display as well as on the built-in USB connector facilitating connection to an external PC.

The DSM II ColorMeter is powered by two AA batteries providing over 20 hours of continuous operation and two years stand-by.



Specifications:

- Light source: High intensity white LED.
- Colorsensor: 4 x 16 elements.
- Display: Backlit LC-display.
- Read-out: E&M (erythema & melanin), CIELab WLED (optimized for white LED illumination), RGB. XYZ, CMYK, Hunter-Lab optional.
- Battery lifetime: 20 h continuous operation, 2 years in standby mode (off).
- Auto shut down after 60 secs.
- Operation temp.: 10-40 Deg. C. Humidity: 10-90 % rel. non-condensing.

Applications

The measurement of color has widespread industrial applications (e.g. coatings, plastics, printing, textile, the automobile industry etc.) as well as applications related to skin and testing of skin care products.

Accordingly, the DSM II ColorMeter is equipped with different color systems in order to meet the needs for such varying applications.

In its standard configuration, the instrument features E&M (erythema & melanin), CIE-Lab (WLED optimized) and RGB. The device is also available in an industrial configuration with RGB, CIE-Lab, XYZ, CMYK and Hunter-Lab color spaces.

CORTEX TECHNOLOGY

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