

HARD-& SOFTWARE

ACMS™ SCANNER BASE MODULE

The Advanced Colour Measurement System (ACMS™) is an industrial hyperspectral scanner for spatially-resolved colour measurement. ACMS™ was designed to imitate the visual impression perceived by the human eye.

The system generates colour information on an area of 8 x 22 cm (spectral resolution 5 nm within the CIE-specified spectral range of 380-780 nm). The observation geometry chosen is 45°/0. ACMS™ thus conforms to the regulations of CIE, ASTM and ISO.

The base module allows the user to define different illuminants (A, C, D50, D55, D65, D75, F11 (TL 84), F2 and F7), observer (CIE 1964 and CIE 1931) and the scan length for the respective scan.

ACMSTM consists of a control cabinet with roof air conditioning, measuring device and user interface.