PREMIUM
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## Versatile colour spectrometer for professional use

Determine wavelengths and colour spectra precisely, qualify and compare colours using current standards

Characterise colours comprehensively – taking the gloss into account or not

Developed for quality control of colours in the textile, printing and plastics industry and many other sectors

## Features

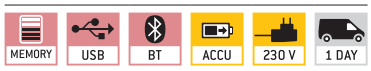
- Precise colour spectrometer for determining wavelengths and colour spectra
- Identifies a range of chroma parameters
- You can select the standard observation angle as 2 or 10 degrees, several light source modes, several colour spaces
- Geometric optical D/8 structure, i.e. the angle at which the light is reflected from the sample is recorded is 8 degrees. This structure is suitable for highly diverse materials and surfaces
- Measurement process: the dual optical trail system simultaneously records the SCI and the SCE spectrum of a sample. This combination enables precise, comprehensive characterisation of the colour, both taking the gloss into account and not taking the gloss into account
- With LED light source to support fluorescence measurements
- The integrated white panel for reference is protected against contamination and guarantees the measuring accuracy
- Portable design, robust construction
- Wobble-free, dustproof and shockproof
- Full spectrum with long service life and low power consumption

- 1 Developed for quality control of colours, in the textile, printing, ceramic, food processing and cosmetics industries, for example
- Ideal for use in the laboratory and industry:
  - USB data interface, as standard
  - Rapid, accurate measurement of the SCI and SCE spectrum, simultaneously within a second
  - Colour display with simple touch operation
- Offers the most varied calibration algorithms
- Supports several national and international standards and parameters, including spectral reflectance, WI (ASTM E313, CIE/ISO, AATCC and Hunter), YI (ASTM 01925, ASTM 313), colour spectrum index of Mt, touch colour fastness, colour authenticity, thickness, coverage rate, 555 colour classification as well as Munsell (C2)

## Technical data

- Displayed accuracy: 0,01 of [Max]
- Standard deviation: 0,08
- Light source: LED, UV
- Overall dimensions W×D×H 188×94×68 mm
- Net weight approx. 0,30 kg

STANDARD




| Model | Measuring aperture | Observation angle |
|---|---|---|
| **SAUTER** | | |
| **JCS 100** | MAV: Ø 8 mm / Ø 10 mm \| SAV: Ø 4 mm / Ø 5 mm \| LAV: 1 x 3 mm | 2° \| 10° |
| **JCS 200** | MAV: Ø 8 mm / Ø 10 mm \| SAV: Ø 4 mm / Ø 5 mm | 2° \| 10° |