**Color Meter**

**MK350N**

USB Spectrometer for measuring light intensity, colour temp., colour rendition index,...

- Ideal for light planning professionals, lighting research & development, LED light technicians and much more
- Quick process - measures spectrum of light, gives readings in Lux, Colour Rendering Index (CRI), color temperature, and peak wavelength
- After turning on, the device will process dark calibration automatically which ensures that exact measurement values remain stable
- Data is easily stored on a SD card or you can connect the meter to a PC or laptop using USB 2.0 interface

**Technical specifications**

- Sensor: CMOS image sensor, USB Spectrometer for measuring light intensity, colour temp., colour rendition index,...
- Data is easily stored on a SD card or you can connect the meter to a PC or laptop using USB 2.0 interface
- After turning on, the device will process dark calibration automatically which ensures that exact measurement values remain stable
- Ideal for light planning professionals, lighting research & development, LED light technicians and much more

**Delivery content**

- Spectrometer, USB cable, screen wiper, battery, power adapter, wrist strap, nylon bag, aluminium case, cover for dark calibration, instructions manual

**MK350S**

USB Spectrometer with App for iOS with WiFi and fast integration speed

- Provides data quickly and allows for customers to develop their needs with a number of functions
- Integrated programs allow user to view the full-colour spectrum in colour without needing a PC
- Can also be used with a smartphone, and supports devices with iOS as well as with Android
- Built-in file browser allows users to instantly read data within saved files

**Technical specifications**

- Sensor: CMOS Linear Image Sensor
- Data Browser Mode, Lux and Foot Candle, Spectral Irradiance, PPF (400 ... 700 nm), CCT in Kelvin, Colour Rendering index: R1 ... R15, Sensitivity: ±2 %, Resolution: ±0.0005 in CIE 1931 x, y, Spectral Bandwidth: Approx. 12 nm, Power: 2,500 mA, Li-Ion-recharg. batt.
- Calibration: Dark calibration, Quality Control Chart, History:

**Delivery content**

- Spectrometer, cover for dark calibration, screen wiper, USB cable, charger, rechargeable, Li-ion rechargeable, power, hanging support, input support, nylon bag, aluminium case, instructions manual

**Optional accessories**

- K-MK350N Spectrometer, SMD Stativ nur 2,095 mA, L-Ion-rechargeable, max. 20GB on 2GB SD card, Approx. 2,095 mA, L-Ion-rechargeable, max. 20GB on 2GB SD card, Approx. 2,095 mA, L-Ion-rechargeable, max. 20GB on 2GB SD card, Approx. 2,095 mA, L-Ion-rechargeable, max. 20GB on 2GB SD card

**www.pce-instruments.com/us**
## PCE-RGB2

**Colour Spectrometer with External Display / PC Interface**

- **Meas. geometry**: 45°/0°
- **Measurement range**: RGB: 0...1023 each for R, G, B; 7 HSL 0...1000 each for H, S, L
- **Resolution**: 1 (RGB measurement); 0.001 (HSL measurement)
- **Spectral range**: 400...700 nm
- **Range of application**: non-luminous surfaces; 2. self-illuminating surfaces (rel.)
- **Note**: only suitable for non-fluorescent samples
- **Viewing angle**: 10° according to CIE standard
- **Sensor**: silicon photodiode
- **Display**: LC display, 6 mm digits, backlight
- **Power supply**: 2 AA 1.5 V batt./ext. mains adaptor
- **Memory**: 12 groups with 30 sets of data
- **Accuracy**: ±0.08 ΔE*ab, ΔE*ch
- **Dimensions**: 203 x 50 x 40.8 mm
- **Weight**: 600 g
- **Includes**: Colour spectrometer with sensor on 1 m cable, white standard, carrying case, software, instruction manual

### Optional Accessories

- RS-232 data cable + software
- USB data cable + software

**Technical Specifications**

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## PCE-TCD 100

**Colour Difference Meter According to CIELab**

- **CIELab color measurements**
- **conversion into LCH**
- **assumes the colour difference value ΔE**
- **Resolution**: 0.001
- **Dimensions**: 171 x 50 x 48.8 mm
- **Weight**: 203.6 g
- **Includes**: Colourimeter, mains adaptor, batteries, USB data cable, software, instruction manual

### Technical Specifications

- **Type of device**: CIELab colorimeter
- **Measurement range**: 0...700 nm
- **Resolution**: 45° / 1° or 1° / 45°
- **Measurement range**: 400...700 nm
- **Sensor**: silicon photodiode
- **Display**: LCD display, 6 mm digits, backlight
- **Power supply**: AA 1.5 V batt./ext. mains adaptor
- **Dimensions**: 203.6 x 10 x 40 mm
- **Weight**: 203.6 g
- **Includes**: Colourimeter, mains adaptor, batteries, USB data cable, software, instruction manual

## ColorStriker

**Colorimeter According to Lab Norm**

- **Coloufast indication on screen**
- **GM capable software**
- **measurements can be transferred per Bluetooth**
- **measuring port with Ø of 8 mm / three selectable light sources**
- **Weight**: 120 g

**Technical Specifications**

- **Type of device**: Colorimeter According to Lab Norm
- **Measurement range**: 0...700 nm
- **Resolution**: 15°
- **Measurement range**: 400...700 nm
- **Sensor**: TrueColor sensors
- **Display**: LCD display, 6 mm digits, backlight
- **Power supply**: AA 1.5 V batt./ext. mains adaptor
- **Operating systems**: Windows XP, Vista, Windows 7
- **Dimensions**: 40 x 15 x 10 mm
- **Weight**: 120 g
- **Includes**: Colorimeter colorStriker, mains adaptor, batteries, USB data cable, software, instruction manual

## PCE-TCR 200

**Surface Colorimeter, Lab Norm**

- **Measurement of Lab colour values**
- **Resolution**: 45°/0°
- **Conversion into LCH, RGB**
- **Measurement of colour differences (ΔEab, ΔEch)**
- **Black and white balance**
- **Weight**: 550 g

**Technical Specifications**

- **Type of device**: Surface colorimeter, Lab Norm
- **Range**: 0...700 nm
- **Resolution**: 45°/0°
- **Power supply**: AA 1.5 V batt./ext. mains adaptor
- **Display**: LCD display, 6 mm digits, backlight
- **Power supply**: AA 1.5 V batt./ext. mains adaptor
- **Dimensions**: 77 x 88 x 21 mm
- **Weight**: 550 g
- **Includes**: Colorimeter, and white and black body, batteries, mains adaptor, USB cable, software, instruction manual

**Technical Specifications**

- **Type of device**: Surface colorimeter, Lab Norm
- **Measurement range**: 0...700 nm
- **Resolution**: 45°/0°
- **Power supply**: AA 1.5 V batt./ext. mains adaptor
- **Display**: LCD display, 6 mm digits, backlight
- **Power supply**: AA 1.5 V batt./ext. mains adaptor
- **Dimensions**: 77 x 88 x 21 mm
- **Weight**: 550 g
- **Includes**: Colorimeter, and white and black body, batteries, mains adaptor, USB cable, software, instruction manual
Color Meter

**X-Rite CAPSURE**

Precision Colorimeter with Integrated Colour Fans
- 100 saved colours with 30-second language codes each
- colour measurement of various materials and surfaces, plain or multicoloured
- saved colours can be used for own palettes and in design applications
- target colours can be formulated in colour mixing systems

**Nh310**

Professional Normal Colorimeter (+Degree of Whiteness and Yellowness)
- portable colorimeter for quality control
- automatic white / black calibration
- five colour spaces and three light sources

**Teknicolor**

- Colour spaces CIEL*a*b*C*h*; CIEL*a*b*; CIEXYZ; CIERGB;
- three colour spaces CIEL*u*v*; CIEL*E*; CIEL*H*; CIEL*u*v*;
- colour fastness evaluation for fashion and home use

**TECHNICAL SPECIFICATIONS**

- **ITEM NO.**
- **K-NH310** coloremeter

**OPTIONAL ACCESSORIES**

- K-UTC-3NH analysis plate with cuvette
- K-PBW-3NH powder box for B/W calibration of powders
- K-WCP-3NH spare white calibration standard

**NR145**

Precision Colorimeter
- integrated white standard (automatic recalibration)
- large / resilient, small concave and convex measuring head
- colour spaces CIEL*a*b*C*h*; CIEL*a*b*; CIEXYZ
- 8 mm measuring port
- equipped with rechargeable Li-ion battery

**NR20XE**

Colorimeter for Curved Surfaces
- surfaces with stripes can be measured accurately by means of the 20 mm measurement port
- new optical path and dynamic integration time enable more stable and more precise measurements
- equipped with rechargeable Li-ion battery

**PCE-WSB 1**

Whiteness Meter
- ISO 2470 and ISO 3688 approved
- suitable for all plane surfaces such as paper, plastics and textiles
- for whiteness measurements
- compact and ergonomic design
- with calibration standards (black and white)