

X-Rite Eye-one Pro



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Unlocked modules:

☒ Monitor☒ Printer Easy RGB

The following modules can be unlocked, the actual unlocked modules mentioned above.

☐ Scanner☐ Monitor☐ Printer☐ Printer RGB☐ Printer CMYK☐ Beamer☐ Printer Easy RGB☐ Printer Easy CMYK☐ Digicam☐ Editor

Technical specifications for i1Pro device

Spectral measurement device, supported measurement modes: Reflectance single measurement

Reflectance scanning measurement with automatic patch detection

Emission: radiance measurement

(monitor measurement)

Emission: irradiance measurement (light measurement)

Spectral analyzer: Holographic diffraction grating with
128 pixel diode array

Optical resolution: 10nm

Physical sampling interval: 3.5nm

Spectral data: Range: 380 ... 730 nm in 10nm steps

Measurement aperture: 4.5mm diameter

Interface: USB 1.1

Measurement geometry: 45°/0° ring illumination optics, DIN 5033

Light source: Gas filled tungsten (Type A)

Physical filters: No or UV cut (Filters not exchangeable)

Inter-instrument agreement: Average DE*94 0.4, max. DE*94 1.0

(Deviation from X-Rite manufacturing

standard at 23°C for single measurement mode on 12 BCRA tiles (D50,2°)

Short-term repeatability: DE*94 \leq 0.1 (D50,2°), with respect to the mean

CIELab value of 10 measurements every

3 seconds on white

Data format: Spectral radiance (mW/nm/m² /sr); Luminance Y (cd/m²)

Measurement range: 0.2 ... 300 cd/m²

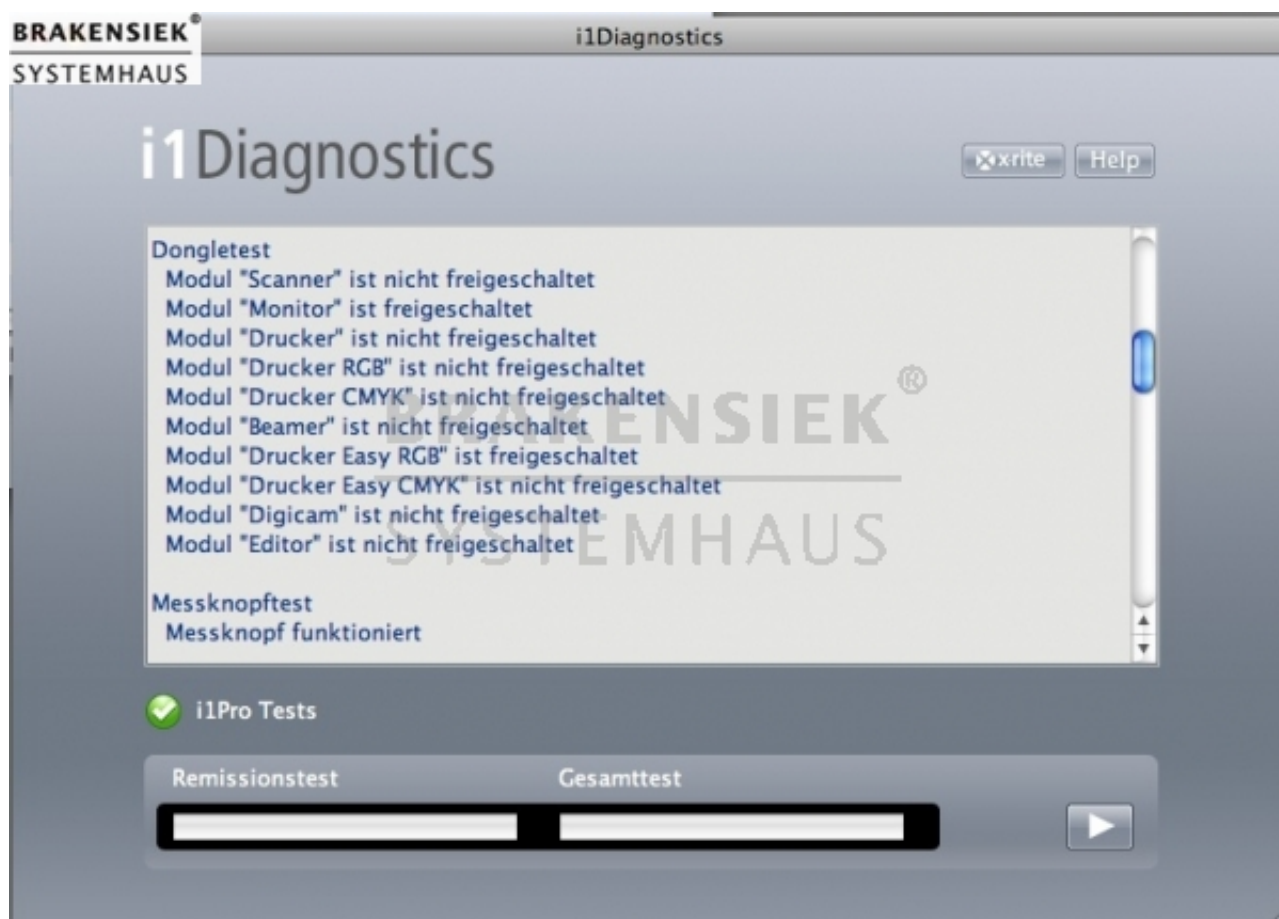
Short-term repeatability: x,y: +/- 0.002 typical (CRT 5000°K, 80 cd/m²)

Type: Cosine-corrected diffuse light measurement head

Diameter: 6.0 mm

Data format: Spectral irradiance (mw/nm/m²), Illuminance Y (lux)

Power supply: Device powered by USB. No additional charger or battery required.
USB 1.1 high power device.



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