Smart photometry



Spectrophotometer *NANOCOLOR*® $^{UV}/_{VIS}$ II

- Revolutionary user experience
- 10 inch HD touch screen display
- Intuitive and entirely icon-based menu guidance
- Integrated turbidity measurement (NTU-Check)
- Connection to laboratory systems via LAN
- CIE-conform color measurements and analyses

MN Since 1911

www.mn-net.com

Spectrophotometer *NANOCOLOR*® $^{UV}/_{VIS}$ II

Technical data

Type	Spectrophotometer with reference detector technology (RDT)
Light sources	Halogen lamp (visible range) and deuterium lamp (UV range)
Optical system	Monochromator
Wavelength range	190–1100 nm
Wavelength accuracy	± 1 nm
Wavelength resolution	0.1 nm
Wavelength calibration	Automatic
Wavelength selection	Automatic, barcode, manual
Scan speed	900 nm or 1 complete scan in less than 1 min
Spectral bandwidth	< 2 nm
Photometric range	± 3.0 E in wavelength range 200–900 nm
Photometric accuracy	0.005 E at 0.0–0.5 E; 1 % at 0.5–2.0 E
Photometric linearity	< 0.5 % at 2 E; < 1 % at > 2 E
Stray light	< 0.05 %
Measuring modes	More than 200 preprogrammed tests, 100 optionally programmable methods, absorbance, transmission, factor, kinetics, 2-point calibration, scan, nephelometric turbidity measurement
Turbidity measurement	Nephelometric turbidity measurement, 0.1–1000 NTU
Cuvette holder	Test tubes 16 mm OD, rectangular cuvettes 2, 10, 20, 40, 50 mm
Data memory	16 GB Micro SDHC card, 5000 measured data sets / spectra, GLP conform
Display	HD display, anti-reflective cover glass with projected capacitive touch screen (PCAP) and background LED lighting
Operation	Barcode technology, icon-based menu guidance, touch screen
Languages	DE / EN / FR / ES / IT / PT / NL / PL / HU / CZ
External light	Insensitive, open cuvette slot
Interfaces	LAN, 2 x USB (Host), 1 x USB (Function) and RS 232
Update	Via Internet / PC and USB stick
Operating range	10–40 °C, max. 80 % relative humidity (without condensation)
Power supply	110–240 V, ~50/60 Hz
Dimensions L / W / H	400 / 440 / 170 mm
Weight	6.5 kg
Warranty	2 years

Ordering information

Spectrophotometer *NANOCOLOR*® $^{UV}/_{VIS}$ II **REF 919 600**

incl. software DVD, quick reference guide, manual, protective covering, power cable, USB cable, USB stick, calibration cuvette and certificate



Your local distributor:

KATEN100151/UVVISII en2/1/0/04.2014 DD
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