

Water Analysis

Photometer PF-12^{Plus}

NEW!



Increased flexibility

Compact photometer PF-12^{Plus}

- More than 100 preprogrammed methods
- Backlit graphic display with intuitive user guidance
- Nephelometric turbidity measurements
- Integrated turbidity control for COD-analysis (NTU-Check)
- USB interface for data transfer, update and power supply

MACHEREY-NAGEL

www.mn-net.com



Since 1911

Compact photometer PF-12^{Plus}

Technical data

Type:	Filter photometer with microprocessor control, self-test and auto-calibration Wavelength range 340–860 nm
Optics:	Automatic filter wheel with 7 interference filters Insensitive to external light—no light shield required
Wavelengths:	345 / 436 / 470 / 540 / 585 / 620 / 690 nm plus 1 compartment for an additional filter
Wavelength accuracy:	± 2 nm, bandwidth at half transmission 10–12 nm
Light source:	Xenon lamp
Detector:	Silicon photodiode
Blank value:	Automatic
Measuring modes:	Over 100 preprogrammed tests (<i>NANOCOLOR</i> [®] tube tests and <i>VISOCOLOR</i> [®] <i>ECO</i> tests) Absorbance, transmission, factor, standard, 50 freely programmable methods
Photometric range:	± 3 E
Photometric accuracy:	± 1 %
Stability:	< 0.002 E/h
Cuvette holder:	Round tubes 16 mm OD
Data memory:	1000 results, GLP conform
Display:	Backlit graphic display, 64 x 128 pixels All important data at a glance: Result in respective unit, date, time, sample number, sample location and dilution
Operation:	Display userguidance, plastic foil keyboard Test selection via test number or parameter lists 12 languages (de, en, fr, es, it, nl, hu, pl, pt, cz, id, si)
Quality Control:	With <i>NANOCONTROL</i> <i>NANOCHECK</i>
Interface:	USB 2.0
Update:	Via Internet / PC, free of charge
Operating range:	0–50 °C, up to 90 % relative humidity
Power supply:	Via USB power supply, standard or rechargeable batteries
Housing:	Waterproof, IP 67
Dimensions:	215 x 100 x 65 mm
Weight:	0.7 kg
Warranty:	2 years



Ordering information:

Compact photometer PF-12^{Plus} **REF 919 250**

Incl. software DVD, manual, 4 batteries, 4 empty test tubes, funnel, beak, syringe, USB cabel, calibration cuvette and certificate in rugged case

For further information please ask for our catalogue „Rapid tests“ on info@mn-net.com.

Your local distributor:

www.mn-net.com

MACHEREY-NAGEL



MACHEREY-NAGEL GmbH & Co. KG · Neumann-Neander-Str. 6–8 · 52355 Düren · Deutschland

Deutschland
und International:
Tel.: +49 24 21 969-0
Fax: +49 24 21 969-199
E-Mail: info@mn-net.com

Schweiz:
MACHEREY-NAGEL AG
Tel.: +41 62 388 55 00
Fax: +41 62 388 55 05
E-Mail: sales-ch@mn-net.com

Frankreich:
MACHEREY-NAGEL EURL
Tel.: +33 388 68 22 68
Fax: +33 388 51 76 88
E-Mail: sales-fr@mn-net.com

USA:
MACHEREY-NAGEL Inc.
Tel.: +1 484 821 0984
Fax: +1 484 821 1272
E-Mail: sales-us@mn-net.com



Since 1911