

Lovibond® Water Testing Tintometer® Group



PM 600

The Pool Manager: All pool parameters in one instrument



- Intuitive operation
- Back-lit display
- User guide in German, English, French, Spanish, Italian, Portuguese, Polish & Indonesian
- Stores up to 1000 results

Part Number: 214060

Big Memory

The devices of the PM 600 series store up to 1000 data sets.

Modern technology

Infrared (PM 600 / PM 620) or **Bluetooth®** (PM 630) are available for data transmission.

The PM 600 and PM 620 devices can be connected to the PC via a module, and the PM 630 can be connected to the AquaLX® app via **Bluetooth®**.

All important parameters

From A(alkalinity-m) to H(hydrogen peroxide), the most important pool parameters are measured.

Optionally, 10 (PM 600) or 34 parameters (PM 620 / PM 630) are available.

Illuminated display

Even in the dark, you can always measure: All devices have a backlit display, giving you more flexibility.

Flexibility

Choose from different dosage forms - tablet reagent, liquid indicator or powder reagent:

with the PM 600 series you can use all types of reagents.

Industry

Pool Public | Pool Services

Application

Boiler Water | Cooling Water | Disinfection Control | Drinking Water Treatment | Galvanization | Pool Water Control | Raw Water Treatment | Waste Water Treatment

PM 600

The requirements of demanding pool operators are met at all times with the photometers PM 600 and PM 620. The devices are equipped with up to 34 test methods and a memory for up to 1000 data sets. The PM 630 offers a **Bluetooth®** interface instead of infrared data transmission. Intuitive operation and a backlit display make this series particularly user-friendly.

Measuring Range

Test Name	Measuring Range	Chemical Method
Alkalinity-m HR T	5 - 500 mg/L CaCO ₃	Acid / Indicator
Alkalinity-m T	5 - 200 mg/L CaCO ₃	Acid / Indicator
Bromine T	0.05 - 13 mg/L Br ₂	DPD
Chlorine HR T	0.1 - 10 mg/L Cl ₂ ^{a)}	DPD
Chlorine T	0.01 - 6.0 mg/L Cl ₂ ^{a)}	DPD
Copper T	0.05 - 5 mg/L Cu ^{a)}	Biquinoline
CyA T	10 - 160 mg/L CyA	Melamine
Hardness Calcium (B) T	20 - 500 mg/L CaCO ₃	Murexide
Hypochlorite T	0.2 - 16 % NaOCl	Potassium Iodide
Iron T	0.02 - 1 mg/L Fe	Ferrozine / Thioglycolate
Ozone T	0.02 - 2 mg/L O ₃	DPD / Glycine
Phosphate LR T	0.05 - 4 mg/L PO ₄	Phosphomolybdenum Blue
pH-value T	6.5 - 8.4 pH	Phenol Red

Technical Data

Optics	LEDs, interference filters (IF) and photo sensor in transparent sample chamber. Wavelength range: 530 nm IF $\Delta\lambda$ = 5 nm 560 nm IF $\Delta\lambda$ = 5 nm 610 nm IF $\Delta\lambda$ = 6 nm IF = interference filter
Wavelength Accuracy	± 1 nm
Photometric Accuracy	2 % FS (T = 20 °C – 25 °C)
Suitable Vials	Round Cuvettes 24 mm
Display	Graphic-display
Interfaces	Infrared
Operation	Acid and solvent resistant, touch-sensitive keypad with audible feedback via integrated beeper
Auto – OFF	Yes
Updates	Software updates via internet
Internal Storage	approx. 1000 data sets
Power Supply	4 batteries (Mignon AA/LR6)
Battery Life Time	approx. 26 h
Beeper	existing
Portability	Benchtop
Environmental Conditions	5 – 40 °C at max. 30 – 90 % Conditions rel. humidity (non condensing)
Protection Class	IP 68
Compliance	CE
Languages User Interface	German, English, French, Italian, Spanish, Portuguese, Polish, Indonesian
Dimensions	95 x 45 x 210 mm
Weight	450 g

Delivery Scope

- In case
- 4 Batteries (AA)
- 3 Vials ø 24 mm
- Plastic beaker 100 ml
- Stirring rod
- Brush
- Syringe
- Reagents for Chlorine (free, combined, total)
- pH value
- Calcium Hardness
- Alkalinity-M
- Instruction manual
- Certificate (COC) and warranty information

Accessories

Title	Part Number
Water sampler with bottle 250 mL and lid, AF 631	170500
Batteries (AA), set of 4	1950025
Multy cuvette-3, set of 12	197605
Round cuvette 24 mm ø, set of 12	197620
Sealing ring for round vials 24 mm ø, set of 12	197626
Round cuvette 24 mm ø, set of 5	197629
Cleaning cloth	197635
Round cuvette 16 mm ø, set of 10	197665
Adapter for round cuvettes 16 mm ø	19802190
Fixed price service package for PM600/PM620/PM630	19802704
Service plan - 3 years for PM600/PM620/PM630	19802804
Update cable	214030
Update cable set with USB/R232 adapter	214031
Reference Standard Kit Chlorine - 0.2 and 1.0 mg/l (MD/PM 600 series)	215630
Reference Standard Kit Chlorine - 0.5 and 2.0 mg/l (MD/PM 600 series)	215635
Reference Standard Kit Chlorine - 1.0 and 4.0 mg/l (MD/PM 600 series)	215636
Reference Standard Kit pH - 7.45 (MD/PM 600 series)	215665
Verification Standard Kit PM Photometer	215680
Stirring rod, 13 cm length	364100
Stirring rod, 10 cm length	364109
Stirring rod, 13 cm length, set of 10	364120
Stirring rod, 10 cm length, set of 10	364130
Plastic syringe, 5 ml	366120
250 mL bottle, AF 631	375069
Measuring beaker, 100 ml	384801
Cuvette stand for 6 round cuvettes Ø 24 mm	418951
Plastic funnel with handle (white)	471007
ValidCheck Chlorine 1,5 mg/l	48105510
Factory calibration certificate ISO 9001 for PM600/PM620/PM630	999751

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