

Lovibond® Water Testing

Tintometer® Group



PM 600

The ultimate range in Pool Photometers for reliable pool relevant water analysis.



- 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 | Pool Water Treatment | 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	0 - 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 P	Phosphomolybdenum Blue
pH-value T	6.5 - 8.4	Phenol Red

Technical DataTechnical Data

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

Delivery Scope Text

- 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

Accessory

Title	Part Number
Water sampler, AF 631	170500
Batteries (AA), set of 4	1950025
Multy cuvette-3, set of 12	197605
Round cuvette 24 mm, set of 12	197620
Sealing ring for round vials 24 mm, set of 12	197626
Round cuvette 24 mm, set of 5	197629
Cleaning cloth	197635
Round cuvette 16 mm, set of 10	197665
Adapter for round cuvettes 16 mm	19802190
Update cable	214030
Infrared data transmission modul IRiM	214050
Reference Standard Kit Chlorine - 2.0 and 1.0	215630
Reference Standard Kit Chlorine - 0.5 and 2.0	215635
Reference Standard Kit Chlorine - 1.0 and 4.0	215636
Reference Standard Kit pH - 7.45	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
Lid, AF 631	375068
500 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
Manufacturer's test certificate M for PM 600 series	999780

Tintometer GmbH

Lovibond® Water Testing
Schleefstraße 8-12
44287 Dortmund
Tel.: +49 (0)231/94510-0
Fax: +49 (0)231/94510-30
sales@tintometer.de
www.lovibond.com
Germany

Tintometer China

Room 1001, China Life Tower
16 Chaoyangmenwai Avenue,
Beijing, 100020
Tel.: +86 10 85251111 App. 330
Fax: +86 10 85251001
China

Tintometer Inc.

6456 Parkland Drive
Sarasota, FL 34243
Tel: 941.756.6410
Fax: 941.727.9654
sales@tintometer.us
www.lovibond.com
USA

The Tintometer Limited

Lovibond House
Sun Rise Way
Amesbury, SP4 7GR
Tel.: +44 (0)1980 664800
Fax: +44 (0)1980 625412
water.sales@tintometer.com
www.lovibond.com
UK

Tintometer South East Asia

Unit B-3-12, BBT One Boulevard,
Lebuh Nilam 2, Bandar Bukit Tinggi,
Klang, 41200, Selangor D.E
Tel.: +60 (0)3 3325 2285/6
Fax: +60 (0)3 3325 2287
lovibond.asia@tintometer.com
www.lovibond.com
Malaysia

Tintometer India Pvt. Ltd.

B-91, A.P.I.E. Sanath Nagar,
Hyderabad, 500018
Tel: +91 (0) 40 4647 9911
Toll Free: 1 800 102 3891
indiaoffice@tintometer.com
www.lovibondwater.in
India

Tintometer AG

Hauptstraße 2
5212 Hausen AG
Tel.: +41 (0)56/4422829
Fax: +41 (0)56/4424121
info@tintometer.ch
www.tintometer.ch
Switzerland

Tintometer Brazil

Caixa Postal: 271
CEP: 13201-970
Jundiaí – SP
Tel.: +55 (11) 3230-6410
sales@tintometer.com.br
www.lovibond.com.br
Brazil

Tintometer Spain

Postbox: 24047
08080 Barcelona
Tel.: +34 661 606 770
sales@tintometer.es
www.lovibond.com
Spain