

# 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 <sub>3</sub>                | Acid / Indicator          |
| Alkalinity-m T         | 5 - 200 mg/L CaCO <sub>3</sub>                | Acid / Indicator          |
| Bromine T              | 0.05 - 13 mg/L Br <sub>2</sub>                | DPD                       |
| Chlorine HR T          | 0.1 - 10 mg/L Cl <sub>2</sub> <sup>a)</sup>   | DPD                       |
| Chlorine T             | 0.01 - 6.0 mg/L Cl <sub>2</sub> <sup>a)</sup> | DPD                       |
| Copper T               | 0.05 - 5 mg/L Cu <sup>a)</sup>                | Biquinoline               |
| CyA T                  | 10 - 160 mg/L CyA                             | Melamine                  |
| Hardness Calcium (B) T | 20 - 500 mg/L CaCO <sub>3</sub>               | 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 <sub>3</sub>                  | DPD / Glycine             |
| Phosphate LR T         | 0.05 - 4 mg/L PO <sub>4</sub>                 | Phosphomolybdenum Blue    |
| pH-value T             | 6.5 - 8.4 pH                                  | Phenol Red                |

## Technical Data

|                                 |   |
|---------------------------------|---|
| <b>Optics</b>                   | LEDs, interference filters (IF) and photo sensor in transparent sample chamber.<br>Wavelength range:<br>530 nm IF Δλ = 5 nm<br>560 nm IF Δλ = 5 nm<br>610 nm IF Δλ = 6 nm<br>IF = interference filter |
| <b>Wavelength Accuracy</b>      | ± 1 nm  |
| <b>Suitable Vials</b>           | Round Cuvettes 24 mm  |
| <b>Display</b>                  | Graphic-display   |
| <b>Interfaces</b>               | Infrared  |
| <b>Operation</b>                | Acid and solvent resistant, touch-sensitive keypad with audible feedback via integrated beeper  |
| <b>Updates</b>                  | Software updates via internet   |
| <b>Internal Storage</b>         | approx. 1000 data sets  |
| <b>Battery Life Time</b>        | approx. 26 h  |
| <b>Beeper</b>                   | existing  |
| <b>Portability</b>              | Benchtop  |
| <b>Compliance</b>               | CE  |
| <b>Languages User Interface</b> | German, English, French, Italian, Spanish, Portuguese, Polish, Indonesian   |
| <b>Dimensions</b>               | 3.74 x 1.77 x 8.27"   |

## 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

| 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    |
| 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 Colorimeter                              | 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   | 375072      |
| Measuring beaker, 100ml   | 384801      |
| Cuvette stand for 6 round cuvettes Ø 24 mm                            | 418951      |
| Plastic funnel with handle (white)                                    | 471007      |
| ValidCheck Chlorine 1,5 mg/l  | 48105510    |

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