



# Water Testing

Commercial Photometers

Commercial Tablet Reagents

Photometer Test Kit Parts &  
Accessories

Pocket Testers

Test Strips

Domestic Testing

# Lovibond® Commercial Photometers

## Lovibond® MD100

The MD100 uses high quality interference filters with long life LEDs as a light source in a transparency sample chamber. This unit supplies accurate results very quickly and is easy to operate. It's ergonomically compact waterproof design makes it safe to use as a counter unit or on site. Testing is performed using Lovibond® tablet reagents with long term stability and a shelf life up to 10 years. (OTZ) One Time Zero allows the user to zero once and perform all tests.

The zero setting is held in memory. Scroll Memory avoids unnecessary scrolling for the required test method, the instrument memorises the last method used before switching off the instrument. When the instrument is switched on again, the scroll list comes up with the last used test method first.

Supplied in a carry case with tablet reagents, test cells, accessories, instructions and certificate of compliance. Can be used with the IRim Photometer Data Transfer Module.



Waterproof (IP68 1 hour at 0.1 metre)  
4 x AAA batteries (included) approx.  
17 hours or 5,000 tests.  
Auto - OFF automatic switch-off  
Backlit LCD display (on keypress)  
Storage memory for 16 data sets  
Real time clock & date  
155 x 75 x 35 mm (L x W x H)  
Weight basic unit approx. 260 g

### 5 in 1

Chlorine	0.01 - 6.0 mg/l
	* 0.1 - 10 mg/l
pH	6.5 - 8.4 pH
Total Alkalinity	5 - 200 mg/l
Calcium Hardness	0 - 500 mg/l
Cyanuric Acid	2 - 160 mg/l
Code: PLOV9165T	

### 6 in 1

Chlorine	0.01 - 6.0 mg/l
	* 0.1 - 10 mg/l
Bromine	0.05 - 13 mg/l
pH	6.5 - 8.4 pH
Total Alkalinity	5 - 200 mg/l
Calcium Hardness	0 - 500 mg/l
Cyanuric Acid	2 - 160 mg/l
Code: PLOV9166T	

### 4 in 1

Chlorine	0.01 - 6.0 mg/l
	* 0.1 - 10 mg/l
pH	6.5 - 8.4 pH
Total Alkalinity	5 - 200 mg/l
Cyanuric Acid	2 - 160 mg/l
Code: PLOV9164T	

\* High Range tablets sold separately.

## Lovibond® MD200

This unit supplies accurate results very quickly and is easy to operate. It's compact design makes it safe to use as a counter unit or on site. Testing is performed using Lovibond® tablet reagents with long term stability and a shelf life up to 10 years.(OTZ) One Time Zero allows the user to zero once and perform all tests. Scroll Memory avoids unnecessary scrolling for the required test method, the instrument memorises the last method used before switching off the instrument. When the instrument is switched on again, the scroll list comes up with the last used test method first.

Supplied in a carry case with tablet reagents, test cells, accessories, instructions and certificate of compliance. Can be used with the IRim Photometer Data Transfer Module

Waterproof (IP68 1 hour at 0.1 metre). 4 x AA batteries (included) approx. 53 hours or 15,000 tests (no backlight). Auto - OFF automatic switch-off.

Backlit LCD display (on keypress). Storage memory for 16 data sets. Real time clock & date. 190 x 110 x 55 mm (L x W x H). Weight basic unit approx. 455 g



### 4 in 1

Chlorine	0.01 - 6.0 mg/l
	* 0.1 - 10 mg/l
pH	6.5 - 8.4 pH
Total Alkalinity	5 - 200 mg/l
Cyanuric acid	2 - 160 mg/l
Code: PLOV9154T	

### 5 in 1

Chlorine	0.01 - 6.0 mg/l
	* 0.1 - 10 mg/l
pH	6.5 - 8.4 pH
Total Alkalinity	5 - 200 mg/l
Calcium Hardness	0 - 500 mg/l
Cyanuric Acid	2 - 160 mg/l
Code: PLOV9155T	

### 6 in 1

Chlorine	0.01 - 6.0 mg/l
	* 0.1 - 10 mg/l
Bromine	0.05 - 13 mg/l
pH	6.5 - 8.4 pH
Total Alkalinity	5 - 200 mg/l
Calcium Hardness	0 - 500 mg/l
Cyanuric Acid	2 - 160 mg/l
Code: PLOV9156T	

\* High Range tablets sold separately.

## Lovibond® PM600 & PM620

The PM600 / PM620 photometer range brings pool testing to the next level for discerning pool operators. The ergonomic, portable, waterproof design enables users to select just one unit for accurate analysis of up to 34 parameters anytime and anywhere.

The PM600 focusses on the main pool parameters required for balanced water including: Alkalinity, Bromine, Chlorine, Cyanuric Acid, Iron, Calcium Hardness, Copper, Sodium Hypochlorite, Iron, Ozone (DPD) Phosphates & pH-value. Compatible with the tried and trusted Lovibond® Tablet reagents, it is designed to be robust, reliable yet easy-to-use for any pool operator.

The PM620 extends these capabilities to include up to 34 parameter variants from Acid Demand to Urea. Its unique design enables compatibility with Lovibond® Tablet, Liquid & Powder reagents, making it one of the most flexible and complete pool photometers available today.

Both units offer a large, back-lit graphic display to aid analysis by providing on screen method prompts, information regarding test measurement range and reagent type and automatic countdown timers for accurate reaction periods. The internal memory is capable of storing up to 1000 results with date, time and sample ID. These results can be reviewed at any time and can be downloaded to a PC via an additional Infra-Red module (IRiM).

PM 600 - Supplied in a carry case with 100 tablet reagents each for Chlorine (free, combined, total), pH, Calcium Hardness, Alkalinity-M, test cells, accessories, instructions & certificate of compliance. Additional tablets for other tests required.

PM 620 - Supplied in a carry case with 100 tablet reagents each for Chlorine (free, combined, total), pH, Cyanuric Acid, Alkalinity-M, test cells, accessories, instructions & certificate of compliance. Additional tablets for other tests required.

PM600	PM620	Test	Range	Test Type	Waterproof (IP68 1 hour at 0.1 metre)
	★	Acid capacity KS4.3	0.1 - 4 mmol/l	Tablets	4 x AAA batteries (included) approx. 26 hours or 3,500 tests.
★	★	Alkalinity-M (Total)	5 - 200 mg/l	Tablets	Auto - OFF automatic switch-off
★	★	Alkalinity-M, HR	5 - 500 mg/l	Tablets	Backlit LCD display (on keypress)
	★	Aluminium	0.01 - 0.25 mg/l	Powder reagent	Storage memory for 1000 data sets
	★	Aluminium	0.01 - 0.3 mg/l	Tablets	Real time clock & date
	★	Ammonia	0.02 - 1 mg/l	Tablets	210 x 95 x 45 mm (L x W x H)
	★	Ammonia VARIO	0.01 - 0.8 mg/l	Powder reagent	Weight basic unit approx. 450 g
★	★	Bromine	0.05 - 13 mg/l	Tablets	
★	★	Chlorine	0.01 - 6 mg/l	Tablets	PM600 Code: PLOV9172T
★	★	Chlorine HR (DPD)	0.1 - 10 mg/l	Tablets	PM620 Code: PLOV9174T
	★	Chlorine	0.02 - 4 mg/l	Liquid reagent	
	★	Chlorine	0.02 - 2 mg/l	Powder reagent	
	★	Chlorine	0.1 - 8 mg/l	Powder reagent	
	★	Chlorine Dioxide	0.02 - 11 mg/l	Tablets	
★	★	Copper	0.05 - 5 mg/l	Tablets	
	★	Copper, free VARIO	0.05 - 5 mg/l	Powder reagent	
★	★	Cyanuric Acid	0 - 160 mg/l	Tablets	
★	★	Hardness, Calcium	0 - 500 mg/l	Tablets	
	★	Hardness - Total	2 - 50 mg/l	Tablets	
	★	Hardness - Total	20 - 500 mg/l	Tablets	
	★	Hydrogen Peroxide	0.03 - 3 mg/l	Tablets	
	★	Iodine	0.05 - 3.6 mg/l	Tablets	
★	★	Iron (II, III)	0.02 - 1 mg/l	Tablets	
	★	Oxygen, activ	0.1 - 10 mg/l	Tablets	
★	★	Ozone	0.02 - 2 mg/l	Tablets	
	★	PHMB (Biguanide)	2 - 60 mg/l	Tablets	
★	★	Phosphate LR, ortho	0.05 - 4 mg/l	Tablets	
	★	pH	5.2 - 6.8	Tablets	
★	★	pH	6.5 - 8.4	Tablets	
	★	pH	8.0 - 9.6	Tablets	
★	★	Sodium Hypochlorite	0.2 - 16 %	Tablets	
	★	Sulphate VARIO	5 - 100 mg/l	Powder reagent	
	★	Sulphate	5 - 100 mg/l	Tablets	
	★	Urea	0.1 - 2.5 mg/l	Tablets / Liquid reagent	



# Lovibond® Commercial Tablet Reagents



## Lovibond® Tablet Reagents

Lovibond® tablet reagents combine accuracy and reliability with convenience and ease of use. Stable in storage, with a very long shelf life. Lovibond® test kits contain tablet reagents individually sealed in aluminium foil pocket blister strips for protection from the effects of heat, moisture and the atmosphere. It should remain “fresh” right up to the time you push it out into the sample, no need to touch the tablet with your fingers. Most tests use just one tablet which contains all the reagents and other additives required. Lovibond® Phenol Red tablets, for example, contain a mixture of carefully balanced additives to counteract the effect of Chlorine on the pH determination. In many cases, several different tests can be carried out using the same reagent; for instance DPD No. 1 tablets are used with or without other reagents in determining concentrations of Free, Combined and Total Chlorine, Monochloramine and Dichloramine, Chlorine Dioxide, Bromine and Ozone.

Lovibond® Tablet Reagent	Pack Size	MD100 MD200	ChekitDirect	PCcheckit	PM600	PM620	Comparator/ Mini Kit	Code
<b>Chlorine</b>								
DPD No. 1 *	100/pack	★	★	★	★	★	★	PLOV9601R
DPD No. 1 High Range *	100/pack	★			★	★		PLOV9605R
DPD No. 3 High Range *	100/pack	★			★	★		PLOV9606R
DPD No. 1 High Calcium	100/pack	★	★	★	★	★		PLOV9718R
DPD No. 2	100/pack						★	PLOV9602R
DPD No. 3 *	100/pack	★	★	★	★	★	★	PLOV9603R
DPD No. 4	100/pack						★	PLOV9604R
<b>Bromine</b>								
DPD No. 1	100/pack	★	★	★	★	★	★	PLOV9601R
<b>pH</b>								
Phenol Red Photometer *	100/pack	★	★	★	★	★		PLOV9625R
Phenol Red	100/pack						★	PLOV9620R
<b>Total Alkalinity</b>								
Alka (-M)	100/pack	★	★	★	★	★		PLOV9636R
Total Alkalinity	100/pack						★	PLOV9630R
Total Alkalinity	250/bottle						★	PLOV9635R
Alka M HR Photometer *	250/pack				★	★		PLOV9638R
<b>Calcium Hardness</b>								
Calcio H No.1 & No.2 Photometer *	250/pack	★	★		★	★		PLOV9648R
Calcheck (use with 16mm cells)	100/pack			★				PLOV9647R
Calcium Hardness	100/pack						★	PLOV9640R
Calcium Hardness	250/pack						★	PLOV9645R
<b>Cyanuric Acid</b>								
CyA TEST Photometer	100/pack	★	★	★	★	★		PLOV9685R
<b>Other Test Tablet Reagents</b>								
Aluminium No. 1	100/pack					★	★	PLOV9655R
Aluminium No. 2	100/pack					★	★	PLOV9657R
Ammonia No. 1	100/pack					★	★	PLOV9735R
Ammonia No. 2	100/pack					★	★	PLOV9740R
Copper No. 1	100/pack				★	★		PLOV9673R
Copper No. 2	100/pack				★	★		PLOV9674R
Glycine	100/pack				★	★		PLOV9610R
Hydrogen Peroxide - LR	100/pack					★		PLOV9710R
Hydrogen Peroxide - HR	100/pack					★		PLOV9715R
Iron - LR	100/pack				★	★	★	PLOV9675R
Ozone	100/pack				★	★		PLOV9720R
Phosphate No.1 & No.2. - LR	250/pack				★	★		PLOV9725R

\* May be used in Palintest® Photometers

Use DPD No 1 High Calcium Tablets if Turbidity in the water sample caused by high concentration of Calcium and/or High Conductivity.



## Lovibond® Photometer Test Kit Parts & Accessories

### Lovibond® Photometer Test Kit Parts

- A. Test Cell 10 ml (24 mm<sup>2</sup>) Round - Glass
- B. Test Cell 16 mm path length - Glass (Calcheck)
- C. 100 ml Plastic Shaker Tube
- D. Plastic Stirring/Crushing Rod
- E. Test Cell Cleaning Brush 10 cm
- F. Syringe 10 ml

Code: PLOV9810A  
 Code: PLOV9811A  
 Code: PLOV9930S  
 Code: PLOV9926S  
 Code: PLOV9920S  
 Code: PLOV9940S



### IRim Photometer Data Transfer Module

The Infrared Interface Module (IRim) receives data on an infrared interface. This module allows the user to connect a specific USB printer, serial printer or a PC using a USB connector. Results can be stored on a PC using included result Logging Software or using your own Microsoft® Excel using an included template or Note Pad.

Minimum PC Requirements: Processor: Pentium 4/M or equivalent, RAM: 512 MB, OS: Windows XP, Hard Disk Space: 90 MB, CD ROM

Powered by a USB-PC or 4 x AA batteries

Code: PLOV9180T



## Domestic Photometers

### AquaChek® TruTest Meter

Chlorine/Bromine, pH and Total Alkalinity

This unit gives you the ease of test strips, plus advanced digital technology. Just dip the test strip in your pool or spa, insert the reader, and get fast, accurate results in seconds. Fast, accurate results in 15 seconds with technology designed specifically for pool and spa analysis. Large LCD screen displays test results. Numerical test results and "low," "ok," or "high" indicators for Free Chlorine/Bromine, pH and Total Alkalinity. 2 x AA alkaline batteries (not included)

Memory function stores the last 9 test results

25 TruTest Digital Strips included

Code: ETTU7001

#### Replacement Test Strips

50/pack Code: ETTU7012



## Domestic Testing

### Rapid Dissolving Tablets

- DPD No. 1 - Rapid Dissolving 100/pack PTAB5120
- DPD No. 3 - Rapid Dissolving 100/pack PTAB5105
- Phenol Red - Fast Dissolving 100/pack PTAB5115



### Cyanuric Acid Reagent

Cyanuric Acid Reagent 5 ltr

Code: IQCR7005



## Aquacheck® Test Strips



### Chlorine 4 Way

Free Chlorine, Cyanuric Acid, pH and T.Alk

Bottle	50/strip	6/ctn	ETCU7001
Blister	50/strip	12/ctn	ETCB7012
Display (18 Bottles)	50/strip	1/ctn	ETCD7020

### Mixed Chlorine / Bromine 4 Way

Free Chlorine, Cyanuric Acid, pH and T.Alk

Total Bromine, pH, T.Alk. and Total Hardness

Display (9 Each)	50/strip	1/ctn	ETMD7020
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### Bromine 4 Way

Total Bromine, pH, T.Alk. and Total Hardness

Bottle	50/strip	6/ctn	ETBU7001
Blister	50/strip	12/ctn	ETBB7012
Display (18 Bottles)	50/strip	1/ctn	ETBD7020

### Monopersulphate 3 Way

Monopersulphate, pH, Total Alkalinity

Blister	50/strip	12/ctn	Code: ETM07012
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### Salt Titration

Salt as Sodium Chloride

400 - 7,000 mg/l

Blister	10/strip	12/ctn	Code: ETST7012
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### Biguanide 3 Way

Biguanide, pH and Total Alkalinity

Use for testing Aquacadabra® and Baquacil®

Blister	25/strip	12/ctn	Code: ETBG7012
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## Test Strips & Test Pillows

### Silver 7 in 1

Free Chlorine, Total Chlorine, Total Bromine, pH, Total Hardness, Total Alkalinity & Cyanuric Acid.  
Bottle 100/strip each  
Code: ETSU7001



### Borate

Use to test IQ Enhance.  
Borate 0, 15, 30, 50, & 80 mg/l.  
Bottle 25/strip 6/ctn  
Code: ETBT7001



### Copper

Use to test for Copper.  
Bottle 25/strip 6/ctn  
Code: ETC07001



### Iron

Tests total iron including ferric  $Fe^{3+}$  & ferrous  $Fe^{2+}$   
Bottle 25/strip each  
Code: ETIR7001



### Total Dissolved Solids (TDS)

Used to test TDS.  
Bottle 25/strip 6/ctn  
Code: ETDS7001



### Total Hardness

Tests low range up to 120 mg/l and high range from 250 to 1,000 mg/l.  
Bottle 25/strip 6/ctn  
Code: ETTH7001



### Chlorine Dioxide

Measures 0-10 ppm. 50 test strips per pack. Use with IQ Pool Solutions C-5 Tablets & Liquid.  
Code: VIT2999LR



IQ SmartChek Bacteria Test Strips  
Test for E.coli, Pseudomonas Aeruginosa, species of Shigella, Enterobacter and many other coliform and non-coliform bacteria.  
Code: ETBK7010



### IQ Smart Check 5 in 1

Free Chlorine, Bromine, pH, Total Alkalinity, Total Hardness.  
Bottle 50/strip 6/ctn Code: ETSC7001  
Display (20 bottles) 1/ctn Code: ETS07020



### IQ Phosphate Test Lab

Designed for professional pool shops.  
Tests phosphates 0 to 1000mg/l.  
Test tube rack with built in colour comparator,  
2 x Test tubes, 100 pillow reagents  
Code: ETPP7001

### IQ Phosphate Reagent re-fills

Use with the IQ Phosphate Test Lab, IQ Phosphate Serviceman's kit & the AquaTrend Phosphate kit.  
100 pillow Flexi Pack Code: ETP7100



### IQ Phosphate Service Test Kit

Designed for mobile service vans. Test tube, colour comparison chart, 100 pillow reagents Packed in a screw cap jar. Use with Pool Solutions Nil-Phos.  
Code: ETPS7001





## Pocket Testers

### pHTestr™20 pH Tester

Measure the pH (acidity) of pool or spa water.  
Code: PPROBE220



### SaltTestr™11

Measure the salt level of pool water.  
Code: PPROBE355



### Digital Thermometer

Water resistant, Max/Min Memory  
Range: -10° - 200° C.. Accuracy ± 1° C.  
Code: PPROBE410



### ORPTestr™10 ORP/Redox Tester

Measure the Oxidation/Reduction Potential (ORP) in millivolts (mV) of pool water.  
Code: PPROBE420



### EcoTestr TDS High

Measure the TDS level of pool water.  
Code: PPROBE350



### Calibration Solutions

pH 4.00	500 ml	Code: PINS51305
pH 7.00	500 ml	Code: PINS51300
Salt 5,000 ppt	500 ml	Code: PINS51310
O.R.P. 475 mV	500 ml	Code: PINS51315



Tester Guide				
Model	pHTestr 20	SaltTestr 11	ORPTestr 10	EcoTestr TDS High
LCD Display	Dual	Dual	Dual	Single
Range	-1.0 to 15.0 pH	0 to 10.00 ppt.	-999 to 1000 mV	0 to 10.000ppt
Resolution	0.01 pH	0.10 p.p.t.	1 mV	0.1 ppt
Accuracy	±0.01 pH	± 1% of Full Scale	±2 mV	± 1% of Full Scale (± 1% of above 5 ppt)
Push Button Calibration	3 point Auto	1 point Manual	±150 mV	1 point Auto
Auto-Off	Auto-Power off after 8.5 minutes			
User Reset	Yes	n/a	Yes	Yes
ATC	Yes	Yes	No	Yes
Hold Button	Yes			
Self Diagnostic	Battery Indicator, Message Codes			
Non-Volatile Memory	Yes			
Waterproof	IP67 Waterproof Rating			
Batteries	4 x 1.5V			
Battery Life	>500 hrs	> 150 hrs	> 500 hrs	n/a
Size	16.5 cm x 3.8 cm			16.3 x 4.5 x 3 cm
Weight	90 g			
Warranty	2 year			1 year