



# Water Testing

Commercial Photometers

Commercial Tablet Reagents

Photometer Test Kit Parts &  
Accessories

Pocket Testers

Test Strips

Domestic Testing

## Lovibond® MD 100

The MD 100 is the latest Lovibond® portable photometer. Using 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)	5 in 1	
4 x AAA batteries (included) approx. 17 hours	Chlorine	0.01 - 6.0 mg/l
Auto - OFF automatic switch-off		* 0.1 - 10 mg/l
Backlit LCD display (on keypress)	pH	6.5 - 8.4 pH
Storage memory for 16 data sets	Total Alkalinity	5 - 200 mg/l
Real time clock and date	Calcium Hardness	0 - 500 mg/l
155 x 75 x 35 mm (L x W x H)	Cyanuric Acid	2 - 160 mg/l
Weight basic unit approx. 260 g	Code: PLOV9165T	

	6 in 1	
4 in 1	Chlorine	0.01 - 6.0 mg/l
Chlorine		* 0.1 - 10 mg/l
	Bromine	0.05 - 13 mg/l
pH	pH	6.5 - 8.4 pH
Total Alkalinity	Total Alkalinity	5 - 200 mg/l
Cyanuric acid	Calcium Hardness	0 - 500 mg/l
Code: PLOV9164T	Cyanuric Acid	2 - 160 mg/l
	Code: PLOV9166T	

\* High Range tablets sold separately.



## Lovibond® CheckitDirect

The CheckitDirect has been a trusted for many years. 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.

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.

1 x 9V battery (incl.) approx. 40 hrs	4 in 1	
Auto - OFF automatic switch-off	Chlorine	0.01 - 6.0 mg/l
Backlit LCD display (on keypress)	pH	6.5 - 8.4 pH
Storage memory for 16 data sets	Total Alkalinity	5 - 200 mg/l
Real time clock and date	Cyanuric acid	2 - 160 mg/l
190 x 110 x 55 mm (L x W x H)	Code: PLOV9154T	

	5 in 1	
3 in 1 Alk	Chlorine	0.01 - 6.0 mg/l
Chlorine	pH	6.5 - 8.4 pH
pH	Total Alkalinity	5 - 200 mg/l
Total Alkalinity	Calcium Hardness	0 - 500 mg/l
Code: PLOV9148T	Cyanuric Acid	2 - 160 mg/l
	Code: PLOV9155T	

	6 in 1	
3 in 1 Bromine	Chlorine	0.01 - 6.0 mg/l
Chlorine	Bromine	0.05 - 13 mg/l
Bromine	pH	6.5 - 8.4 pH
pH	Total Alkalinity	5 - 200 mg/l
Code: PLOV9149T	Calcium Hardness	0 - 500 mg/l
	Cyanuric Acid	2 - 160 mg/l
	Code: PLOV9156T	

	3 in 1 Cys	
Chlorine	Chlorine	0.01 - 6.0 mg/l
pH	pH	6.5 - 8.4 pH
Cyanuric Acid	Cyanuric Acid	2 - 160 mg/l
Code: PLOV9150T	Code: PLOV9150T	



# Lovibond® Commercial Photometers

## Lovibond® PoolDirect 9 in 1

The PoolDirect 9 in 1 is designed to provide the highest standards required by today's Pool Managers delivering accurate, reliable and consistent results to control and manage swimming pool water quality. The single button selection of pre-programmed tests combined with on screen instructions makes the 9 in 1 ideal for the professional or occasional user. A Langelier calculator button is included. Just enter the elements of the formula as prompted and the 9 in 1 will calculate the Balanced Water Index for you. A 9 pin serial RS232 interface port and cable (included) allows connection to a PC for the latest downloads, firmware and software updates from the Lovibond® web site. The rugged construction and splash resistance of the 9 in 1 make it ideal for use as a counter unit or on site.

Supplied in a carry case with tablet reagents, test cells, accessories, PC connection cable, instructions and certificate of compliance.



7 x AA rechargeable batteries / mains charger  
 Auto - OFF automatic switch-off  
 Storage internal memory for 1000 data sets  
 265 x 195 x 70 mm (L x W x H)  
 Code: PLOV9190T

Chlorine (free)	0.02 - 6.0 mg/l	DPD No. 1
Chlorine (total)	0.02 - 6.0 mg/l	DPD No. 1 / No. 3
Bromine	0.05 - 13 mg/l	DPD No. 1
pH	6.5 - 8.4 pH	Phenol Red Photometer
Total Alkalinity	5 - 200 mg/l	Alka-M Photometer
Calcium Hardness	0 - 500 mg/l	Calcio H No. 1 / No. 2
Cyanuric Acid	2 - 160 mg/l	Cyanuric Acid
Copper	0.05 - 5 mg/l	Copper No. 1 / No. 2
Ozone	0.02 - 1 mg/l	DPD No. 1 / No. 3, Glycine

## Lovibond® PoolDirect

The PoolDirect is designed to provide the highest standards required by today's Pool Managers delivering accurate, reliable and consistent results to control and manage swimming pool water quality. It allows you to test for 22 parameters. The large LCD screen combined with on screen instructions makes it easy to use. A Langelier calculator is included. Just enter the elements of the formula as prompted and the PoolDirect will calculate the Balanced Water Index for you. A 9 pin serial RS232 interface port and cable (included) allows connection to a PC for the latest downloads, firmware and software updates from the Lovibond® web site. The rugged construction and splash resistance of the 9 in 1 make it ideal for use as a counter unit or on site. Supplied in a carry case with tablet reagents for Cl, pH, Cyanuric Acid, test cells, accessories, PC connection cable, instructions and certificate of compliance.



7 x AA rechargeable batteries / mains charger  
 Auto - OFF automatic switch-off  
 Storage internal memory for 1000 data sets  
 265 x 195 x 70 mm (L x W x H)  
 Code: PLOV9170T

Active Oxygen	0.1 - 10 mg/l	Hydrogen Peroxide	0.03 - 3.0 mg/l
Alkalinity Total	5.0 - 200 mg/l	Iodine	0.05 - 3.6 mg/l
Aluminium	0.01 - 0.30 mg/l	Iron	0.02 - 1.0 mg/l
Ammonia	0.02 - 1.0 mg/l	Active Oxygen	0.1 - 10 mg/l
Bromine	0.1 - 13 mg/l	Ozone	0.02 - 1.0 mg/l
Chlorine	0.02 - 6.0 mg/l	pH	6.5 - 8.4 pH
Chlorine Dioxide	0.05 - 11 mg/l	PHMB Biguanide	2.0 - 60 mg/l
Copper	0.05 - 5.0 mg/l	Phosphate	0.05 - 4.0 mg/l
Cyanuric Acid	2.0 - 160 mg/l	Sodium Hypochlorite	0.2 - 16 %
Hardness, Calcium	0 - 900 mg/l	Sulphate	5.0 - 100 mg/l
Hardness, Total	0 - 50 mg/l	Urea	0.1 - 3.0 mg/l

## 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	MD 100	ChekitDirect	PCcheckit	PoolDirect 9in1	PoolDirect	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	★	★	★	★	★		PLOV9620R
Phenol Red	100/pack						★	PLOV9625R
<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 - LR	100/pack					★		PLOV9725R
Phosphate No. 2 - LR	100/pack					★		PLOV9730R

\* 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 | Code: PLOV9810A |
| B. Test Cell 16 mm path length - Glass (Calcheck)      | Code: PLOV9811A |
| C. Test Cell Cleaning Brush 10 cm                      | Code: PLOV9920S |
| D. Plastic Stirring/Crushing Rod                       | Code: PLOV9926S |
| E. Syringe 10 ml                                       | Code: PLOV9940S |
| F. 100 ml Plastic Shaker Tube                          | Code: PLOV9930S |



### 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

### AquaCheck® 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



## 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	PINS51305
pH 7.00	500 ml	PINS51300
Salt/TDS 6,000 ppm	500 ml	PINS51310
O.R.P. 475 mV	500 ml	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

# 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/strips	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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# IQ, Aquacheck® Test Strips & Test Pillows

## Silver 7 in 1 Professional

Free Chlorine, Total Chlorine, Total Bromine, pH, Total Hardness, Total Alkalinity and Cyanuric Acid.  
 Bottle 100/strip each Code: ETSU70001



## Borate

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



## Copper

Use to test for Copper.  
 Bottle 25/strip 6/ctn Code: ETCO7001



## Iron

Tests total iron including ferric Fe<sup>3+</sup> and ferrous Fe<sup>2+</sup>  
 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



## IQ Smart Check 5 in 1

Free Chlorine, Bromine, pH, Total Alkalinity, Total Hardness.  
 Bottle 50/strip 6/ctn Code: ETSU7001  
 Display (20 bottles) 1/ctn Code: ETSU7020



## 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: ETPT7100



## IQ Phosphate 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: ETPM7001



## Domestic Testing

### Rapid Dissolving Tablets

DPD No. 1 - Rapid Dissolving  
DPD No. 3 - Rapid Dissolving  
Phenol Red - Fast Dissolving

100/pack  
100/pack  
100/pack

PTAB5120  
PTAB5105  
PTAB5115



### Cyanuric Acid Reagent

Cyanuric Acid Reagent 5 ltr  
Code: IQCR7005



### Lo-Chlor Chek-Mate Test Strips

Free Chlorine, Total Chlorine, pH, Total Hardness, Total Alkalinity and Cyanuric Acid.  
Calibrated and approved for use with Lo-Chlor Solutions Strip Reader and software.

100/strip per pack  
12 pack/ctn  
Code: LCCM7499



### Aquabright Copper Test

Use to test for Copper.  
Code: AMCO7002

