

# Lovibond® Water Testing

## Tintometer® Group



## Water Safety Kit Chemical

Mobile Laboratory for chemical parameters of potable water testing



You need safe, fast and reliable test results in difficult situations like disasters or potable water monitoring in rural environments without laboratories? The Lovibond® Water Safety Kit Chemical offers the most important methods and equipment in one case, designed to accompany you in each situation.

It comprises our MD 600 photometer, TB 211 IR turbidity meters and SD 50 AND SD 70 pocket electrochemistry meters. This kit can be used in conjunction with the Water Safety Kits Microbiology to provide a complete suite of tests for potability of water.

The kit comes with reagents for Chlorine, Ammonia, Nitrite, Nitrate, pH, Conductivity, Turbidity but can be expanded using our reagent packs to include any of the tests for the MD 600.

- Analysis of most important chemical parameters
- Complete test equipment in conjunction with Water Safety Kits Microbiology
- No further test equipment required for chemical analysis

Part Number: 56K681253

### Industry

Chemical Industry | Food and Beverage Industry | Industries Others | Marine Industry | Municipalities | NGO | Oil and Gas | Pharmaceutical Industry | Pool Domestic | Pool Public | Pool Services | Power and Energy

### Application

Boiler Water | Cooling Water | Disinfection Control | Drinking Water Treatment | Pool Water Control | Raw Water Treatment | Wastewater Treatment

### Water Safety Kit Chemical

Take everything you need for chemical analysis of potable water quality in one hand. This Water Safety Kit is the smallest in the range, portable in a rugged, waterproof case with 200 reagents for each parameter, allowing numerous measurements for its small footprint. It is easy to use even by nonprofessional operators due to simple pictorial instructions.

### User

Non Profit Organizations (NGO's) | Medical research and development | Institutes, Universities, Schools | World Health Organization (WHO)

## Measuring Range

Test Name	Measuring Range	Chemical Method
Ammonia T	0.02 - 1 mg/L N	Indophenole Blue
Chlorine T	0.01 - 6.0 mg/L Cl <sub>2</sub> <sup>a)</sup>	DPD
Conductivity	0 - 20 mS/cm	
Nitrate T	0.08 - 1 mg/L N	Zinc Reduction / NED
pH	0 - 14	
Turbidity	0.01 - 1100 NTU	

## Technical Data

**Dimensions** 411 x 168 x 322 mm

**Weight with Packaging** 4.5 kg

## Accessories

Title	Part Number
Set turbidity standards T-CAL (<0, 1, 20, 200, 800 NTU)	194150
Plastic shaker tube, graduated 100 ml, with lid	385130
Plastic shaker tube, graduated 30 ml, with lid	385132
ValidCheck Chlorine 1,5 mg/l	48105510
Stirring rod and spoon	56A006601
Backpack for Water Safety Kits	56A01400
KS3-pH 10 Buffer Solution	56L000365
KS6-pH 4 Buffer Solution	56L000665
KS9-pH 7 Buffer Solution	56L000965
KS16-1413US Conductivity Calibration Solution	56L001665

## Delivery Scope

- MD 600 Photometer
- TB 211 IR Turbidimeter
- SD 70 Conductivity Meter
- SD 50 pH Meter
- KS16 (65 ml)
- KS9 (65 ml)
- KS6 (65 ml)
- KS3 (65 ml)
- 250 DPD No.1 Photometer tablet reagents
- 250 DPD No.3 Evo Photometer tablet reagents
- Nitrate Test Powder R282, 15 g
- 100 Nitrate Test tablet reagents
- Nitrate Test Tube Cali., 20 ml
- 250 Nitrite LR tablet reagents
- 250 Ammonia No.1 tablet reagents
- 250 Ammonia No.2 tablet reagents
- Shaker Tube Plastic, 30 ml
- DB513 Shaker Tube with lid, 100 ml
- Stirring Rod & Powder Scoop
- 3 Round Cuvette 24 mm with lid and seal
- 2 Round Cuvette 24 mm x 54 mm
- 2 Lid 24 mm, black
- T-CAL Turbidity Standard < 0.1 NTU
- T-CAL Turbidity Standard 20 NTU
- T-CAL Turbidity Standard 200 NTU
- T-CAL Turbidity Standard 800 NTU
- Instruction manual for Water Safety Kit Chemical
- Case

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