



# Water Testing

## Disaster Water Care



### Water Safety Kits

#### Basic Solution

You save health & lives with safe potable water in disasters or water monitoring in rural regions.

#### You are

- emergency workers, task force & rescue team
- working in difficult environments

#### The Water Safety Kits from Lovibond® guarantee

- mobility in all situations
- potable water testing according to WHO standards
- combinations of kits for each water testing challenge
- microbiological & chemical water tests
- accurate & repeatable results
- easy handling & sterilisable equipment

#### Heating & Cooling



as standard in our incubator giving you the most accurate results possible in the field

# Our solution for you

## Water Safety Kit Basic

The complete test kit for emergency response with

- simple chemical methods
- equipment for microbiological membrane filtration on-site
- no need any further test kits

### The equipment

- DI 20 incubator with **heating & cooling function** including petri dishes & battery
- Filtration equipment with bailer, filter flask & vacuum pump
- Chlorine-pH Tester
- Tube test for turbidity
- Pocket Tester SD 70 Con for measuring Conductivity

**Total weight:** 16 kg

**Code:** 56K681250

**Dimensions:** 487 x 386 x 229 mm



### Tests & Ranges

Analysis	Range	Measuring Instrument	No. of tests	Key Features
Chlorine	0 - 3 mg/l Cl	Chlorine-pH Tester	270	Emergency Response Kit
Coliform	> 1CFU / 100 ml	Plate Count	200	
Conductivity	0.01- 20.00 mS	Pocket Tester SD 70 Con	> 250	Contains Basic & Simple Tests for Indicative Tests
<i>E. Coli</i>	> 1 CFU / 100 ml	Plate Count	250	
pH value	6.2 - 8.2	Chlorine-pH Tester	270	Chemical & Microbiological Analysis in one Kit
Turbidity	30 - 300 NTU	Tube test		
Incubator		DI 20		



**Optional:** durable backpack for easy transport in difficult terrain: leaves hands free  
**Code:** 56A014000

### Optional

Accessories / Replacements	Quantity	Code:	Quantity	Code:
Nitrate Test Powder	15 g	465230	Media pads & dispenser	200 pc 56A016330
Nitrate Test Tablet	250 pc	502810	Petri dishes	50 pc 400855
Free & Total Chlorine (DPD No.1) Tablet	250 pc	511051BT	Membrane lauryl sulphate broth	40 g 56P069740
Free & Total Chlorine (DPD No.3) Tablet	250 pc	511081BT	Filters	600 pc 56A023800
Phenol Red	250 pc	511771 BT	KS3 - pH 10 Buffer Solution	65 ml 56L000365
Nitite LR Tablet	250 pc	512311BT	KS6 - pH 4 Buffer Solution	65 ml 56L000665
Ammonium NR.1 Tablet	250 pc	512581BT	KS9 - pH 7 Buffer Solution	65 ml 56L000965
Ammonium NR.2 Tablet	250 pc	512591BT	1413 µS Standard Conductivity Solution	65 ml 56L001665

**Note:** Kit does not include sterilisation equipment necessary for microbiological analysis:

- Pressure cookers or portable sterilizer or access to autoclave (nearby hospital or laboratory)
- Methanol (at least 1 -2 ml per test)
- Distilled water

durable backpack for easy transport in difficult terrain: leaves hands free



### More specific Kits:

Water Safety Kit Microbiology Duo  
Water Safety Kit Microbiology



Water Safety Kit Chemical