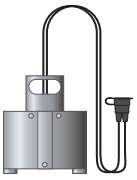
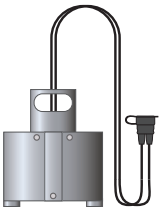
TECHNICAL SPECIFICATION
DEVICES

WATA™

WHO Scheme certified technology





		Mini-WATA	WATA-Standard	WATA-Plus	Maxi-WATA
Single batch	Solution volume	0,5 L	2 L	15 L	60 L
	Active chlorine quantity	2,5 g	10 g	75 g	300 g
	Solution's active chlorine concentration	5 g/L – 0,5%	5 g/L – 0,5%	5 g/L – 0,5%	5 g/L – 0,5%
	Production time	2 h	2 h	2 h	2 h
	Salt quantity requested	12,5 g	50 g	375 g	1 500 g
Maximum production and applications 6 batches/day	Active chlorine production capacity per day	15 g	60 g	450 g	1 800 g
	Equivalence for disinfection at 0,5%	3 L	12 L	90 L	360 L
	Equivalence for disinfection at 0,2%	7,5 L	30 L	225 L	900 L
	Equivalence for disinfection at 0,1%	15 L	60 L	450 L	1 800 L
	Equivalence for disinfection at 0,05%	30 L	120 L	900 L	3 600 L
	Equivalence for water treatment*	15 m^3	60 m^3	450 m^3	1 300 m^3
Electrical data	Nominal power supply	10 W	36 W	216 W	888 W
	Power supply provided	5 V / 2 A	15 V / 5 A	15 V / 19 A	27 V / 59 A
	Solar power-suppply in option	12 V / 20 Wp / 4 Ah 2 productions per day	12 V / 100 Wp / 20 Ah 2 productions per day	12 V / 2x100 Wp / 80 Ah 1 productions per day	Unavailable for sale
Logistics	Kit content	1 device ; 1 grid or solar power supply ; 1 production controller** ; 1 production flask*** ; 1 50 mL syringe ; 1 WataTest kit ; 1 WataBlue kit ; 1 pH strip test ; 1 thermometer ; 1 user manual			
	Device dimensions and weight	13x3x2 cm 0,2 kg	15x6x5 cm 0,3 kg	18x6x24 cm 1,3 kg	20x7x30 cm 2,1 kg
	Kit dimensions and weight (grid version)	39x17x12 cm 0,8 kg	34x25x23 cm 2,4 kg	50x26x34 cm 6,7 kg	50x26x34 cm 8 kg

* 1 mg of active chlorine per liter of water treated ; ** Except Mini-WATA kit ; *** Except WATA-Plus and Maxi-WATA kit

TECHNICAL SPECIFICATION
REAGENTS AND STABILIZER

WATA™

WataTest

The WataTest reagent measures the active chlorine concentration of any kind of chlorine solution.

This reagent determines the active chlorine concentration from a sodium hypochlorite solution produced with WATA, or from a calcium hypochlorite solution (HTH), or NaDCC or bleach.
It is an easy drop by drop test that gives the concentration measured.
Knowing the solution's active chlorine concentration is fundamental and determines the use that can be done with this chlorine solution (safe water treatment, equipment disinfection, vegetables disinfection, etc.).

Up to 75 tests can be done with a WataTest kit.

Kit content: 50 mL flask of WataTest reagent; 20 mL dosing spoon; 3 mL graduated pipette; 1 mL syringe; 1 user manual

WataBlue

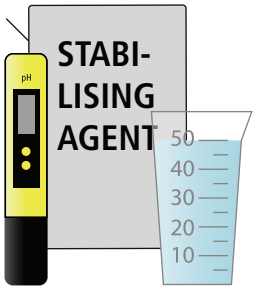
The WataBlue reagent measures the residual chlorine quantity in drinking water.

To prevent the drinking water from a recontamination, it is fundamental to have a residual chlorine content. This test is based on WHO* recommendations, specifying for an effective disinfection, a residual concentration of free chlorine of ≥0,5 mg/L after at least 30 min contact time at pH <8,0. The residual chlorine certifies a full treatment of the water and keeps it safe from potentiel recontamination.

Up to 250 tests can be done with a WataBlue kit.

Kit content: 14 mL flask of WataBlue reagent; 5 mL syringe; 1 test tube; 1 user manual

WataStab



The WataStab ensures a minimum of 3 months stabilization of your sodium hypochlorite solution.

If you wish to use your sodium hypochlorite solution for a longer period than 24 h, then we propose this really simple stabilization method.

This ready-to-use kit can stabilize up to 1 000 L of sodium hypochlorite without any aditional consumable. You will then be able to find this consumable in any local shop.

Kit content: 1kg of stabilizing agent; 2 mL dosing spoon; 20 mL dosing spoon; 1 electronic pH meter; 60 mL syringe, 100 mL beaker

*WHO Guidelines for drinking water, 4th edition, Chemical summary tables

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