

# Olimpe Pro

Healthy and naturally disinfectant water



## Benefits

- ✓ **Guaranteed efficiency**  
*(proven by certified lab tests)*
- ✓ **Preservation of the environment**  
*(no pollutant discharge)*
- ✓ **Health & well-being of your employees**  
*(no toxic or irritant products)*
- ✓ **Security for people and customers**  
*(absence of bacteriological or chemical contamination)*
- ✓ **Quick return on investment**  
*(no expensive disinfectant, no rinsing)*

**Olimpe Pro** is a range of professional equipment for treating water from the public supply, from a borehole or from any other source. It is based on an innovative in-line electrolysis technology producing hypochlorous acid. The treated water is not only safe, but also possesses natural disinfectant properties for a variety of professional uses. It destroys viruses and bacteria, without any danger to health or the environment.

**Olimpe Pro** is an alternative to conventional disinfection solutions based on the use of chemicals. In addition to its unbeatable production cost, water treated with Olimpe technology is neither irritant, toxic, nor polluting. It can therefore be used for personal hygiene as well as for the natural disinfection of food, surfaces or equipment.

Combining efficiency, safety and economy, Olimpe Pro is an environmentally friendly disinfection solution which is highly suitable for:



Local authorities



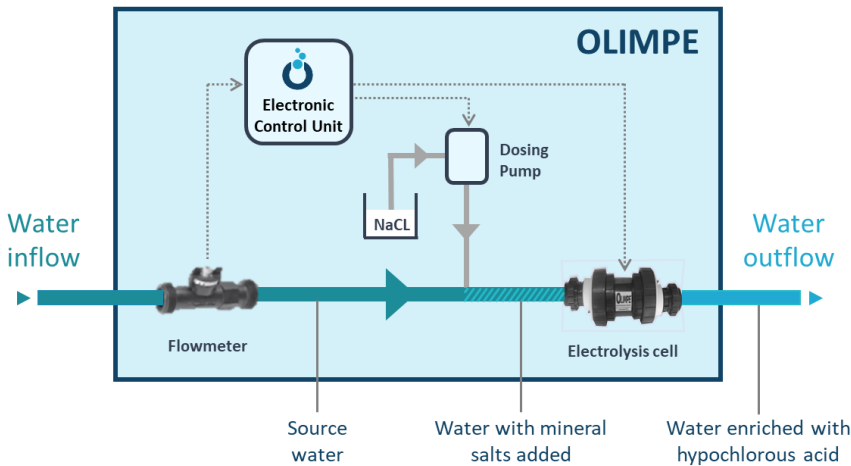
Food industry



Distribution & Retail

## Olimpe's Technology

Olimpe's patented technology is the result of many years of R&D, enabling the development of an innovative in-line water electrolysis process which produces hypochlorous acid and other oxidants from low levels of mineral salts either naturally present in, or added to water. Salts, naturally present in the water, are supplemented if necessary, before in-line electrolysis, in order to obtain water enriched in hypochlorous acid corresponding exactly to the desired disinfection power.



Installed in the water system, Olimpe produces hypochlorous acid as the water passes through the electrolysis cell

## About Hypochlorous acid

**Hypochlorous acid (HOCl) is a powerful antibacterial and virucide agent**, naturally produced by the white blood cells in mammals. It plays a major role in our immune system by eliminating pathogens from our body through oxidation and chlorination. **It is safe for humans, animals and the environment.** It is not irritating to the skin, respiratory tract or eyes. It does not discolour textiles either.

Hypochlorous acid can be produced by electrolysis from the mineral salts in the water and is **an ideal disinfectant, 70 times more effective than sodium hypochlorite** (chlorine bleach). Moreover, **it does not require rinsing**, as it naturally returns to its mineral salt state. Its fields of application are almost unlimited: personal hygiene, disinfection of all types of surfaces, objects or foodstuffs, etc.

For more than 30 years, **its effectiveness and safety have been demonstrated by numerous scientific studies.** It is now used in a growing number of activities. Olimpe's innovative technology makes it possible to broaden its uptake.

## Certified efficiency

The performance of the Olimpe natural disinfection process is proven by the analyses carried out by certified laboratories.



Here is an example of the results of bacteriological measurements carried out at an agri-food company's site.

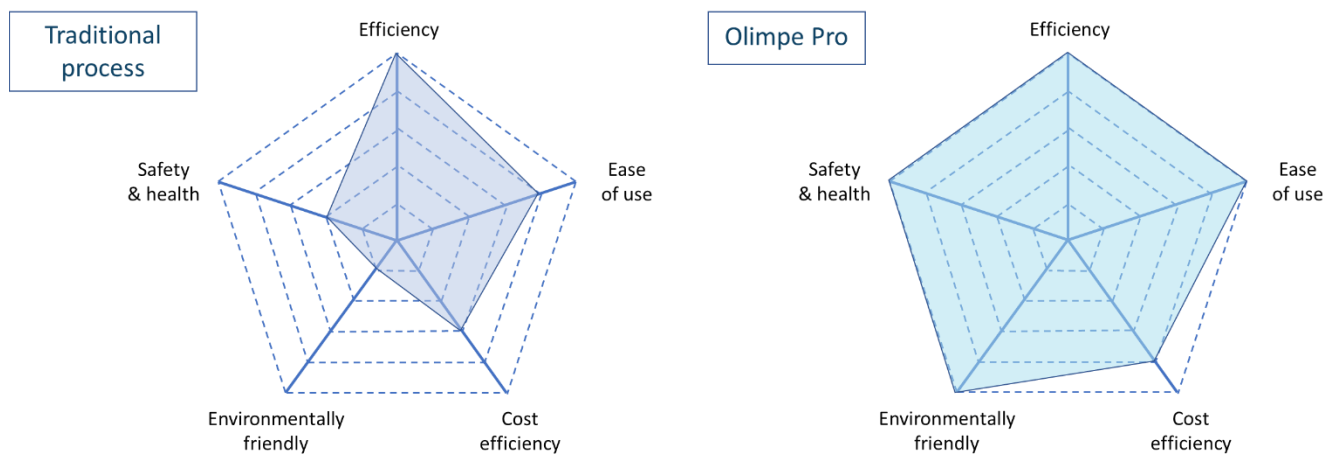
Tests were carried out over several weeks by a certified laboratory in order to measure residual pathogens on floors and worktops, first with the customer's traditional disinfection process and then with Olimpe Pro equipment.

**Olimpe secures water at the bacteriological level and guarantees pipes without biofilm and disinfects any surface in contact.**

### Microbiological analysis after disinfection

Floors	Traditional process		Olimpe Pro	
Pathogens	Test n°1	Test n°2	Test n°3	Test n°4
Mould	0	0	0	0
Aspergillus	0	0	0	0
Coliform bacteria	> 100	> 100	0	0
Total flora 36 degrees	> 100	> 100	8	4
Staphylococci	0	0	0	0
Escherichia Coli	0	0	0	0
Pseudomonas	0	0	0	0
Listeria	Absence	Absence	Absence	Absence
Salmonella	Absence	Absence	Absence	Absence
Worktops	Traditional process		Olimpe Pro	
Pathogens	Test n°1	Test n°2	Test n°3	Test n°4
Mould	0	0	0	0
Aspergillus	0	0	0	0
Coliform bacteria	1	>100	0	0
Total flora 36 degrees	> 100	> 100	9	16
Staphylococci	0	0	0	0
Escherichia Coli	0	0	0	0
Pseudomonas	0	0	0	0
Listeria	Absence	Absence	Absence	Absence
Salmonella	Absence	Absence	Absence	Absence

## Comparison: Traditional process / Olimpe Pro



## Olimpe Technology, a trustworthy partner

### > Installation & Training

Olimpe equipment is designed by our European design studio and manufactured in our workshops in France. They are usually available within two weeks of ordering. The installation is carried out by Olimpe Technology or an authorised Olimpe partner. Training for your staff is provided at this time. Olimpe Pro is remarkably easy to use and maintain, so it only takes half a day to get your new natural water disinfection solution fully operational.

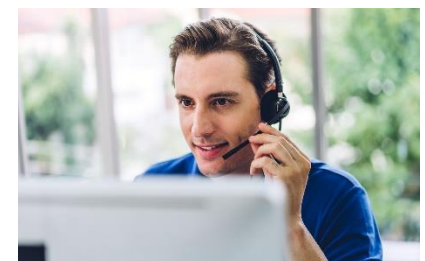


### > Maintenance

Olimpe equipment requires very little maintenance. Under normal conditions of use, only the electrolysis cell needs to be replaced approximately every 18 months. In the event of very hard water, periodic cleaning is recommended. Maintenance can be carried out directly by your staff or by your authorised Olimpe partner.

### > After-sales service & Warranty

Olimpe equipment is very robustly designed and manufactured. Olimpe Technology offers a one-year warranty on the electrolysis cell and a two-year warranty on all other components. In the event of a problem, a dedicated hotline is available for immediate diagnosis and rapid resolution. An Olimpe specialist will provide support if necessary. With Olimpe, you have a partner who is committed to you for the long term.



### > Olimpe Technology's design studio

The Olimpe Pro range has been designed to meet a variety of disinfection needs. It is available in several standardised models to cover almost all uses without resorting to customisation. However, if you have specific needs, based on the nature of the water you use, the configuration of your premises, your processes or the organisation of your personnel, our design studio will be able to provide you with customised solutions. Our team of qualified engineers is able to adapt Olimpe equipment to your specifications if necessary, and to produce equipment on our lines that meets your particular needs and constraints.

Main features		Olimpe Pro 1000	Olimpe Pro 4000	Olimpe Pro 8000
Electrolysis	Technology	In-line electrolysis		
	Number of electrolysis cells	1	1	2
	Water flow treated/hour	1m <sup>3</sup>	3m <sup>3</sup>	8m <sup>3</sup>
	Production of hypochlorous acid	Adjustable from 0 to 20 mg/l		
Salt	Type	Water softening salt		
	Salt injection process	Peristaltic Pump	Dosing pump	
	Salt consumption*	0 to 0.2 mg/l of water treated		
	Salt tank capacity	5 litres	15 litres**	25 litres**
Water circuit	Type of pipework	PVC pressure (10 bar)		
	Diameter	25	32	50
	Filters	1 inlet filter		
Capacity	Simultaneous washing stations	1	Up to 3***	Up to 6***
Electricity	Power supply	110/220 V single phase, 90-720 A, 50 Hz		
	Power	750 W		
	Type of socket	IEC C14	IP67 waterproof (2p+t)	
	Connection cable (supplied)	Removable IEC C13	Removable IP67	
Interfaces	Human machine interface	7-inch touch screen		
	Metering of treated water	Yes (viewable via touch screen)		
	Operation alert	On screen	Visual	Visual (remote if required)
	PC, smartphone connection	WiFi module (optional)		
Unit	Height x Width x Depth	90*35*40 cm	100*62*55 cm	150*75*75 cm
	Material	Composite	Stainless steel	
	Weight	40 kg	60 kg	80 kg
	Installation	Mobile	Fixed or mobile****	
Various	Manufactured	France		
	Mark	CE		
	Electrolysis cell(s) warranty	1 year		
	Guarantee on other parts	2 years		

\*depends on the physico-chemical characteristics of the water to be treated and in particular its conductivity.

\*\* in the fixed installation, a larger remote tank can be installed.

\*\*\* may vary depending on the type of washing station used.

\*\*\*\* can be equipped with castors depending on customer's requirements.



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