



# Water disinfection

# ND Water 2501 Dual

## Areas of use:

- Drinking water quality for humans and animals

To be used in:	
Decentralized units in:	Water tanks in:
<ul style="list-style-type: none"><li>• Factory water supply line</li></ul>	<ul style="list-style-type: none"><li>• Ships</li></ul>
<ul style="list-style-type: none"><li>• Water supply in laboratories</li></ul>	<ul style="list-style-type: none"><li>• Trains</li></ul>
<ul style="list-style-type: none"><li>• Water supply in food production</li></ul>	<ul style="list-style-type: none"><li>• Animal transport</li></ul>
<ul style="list-style-type: none"><li>• Breweries water supply</li></ul>	<ul style="list-style-type: none"><li>• All mobile water tanks</li></ul>
Water taps in household	Water trough

Available for 110-240 V.

## Item Description:

The pre-assembled dual UV unit expands the capacity and application capabilities of the single unit.

The unit is made of stainless steel 1.4571 (316Ti) with an inner bulb made of quartz glass where the bulb is mounted. This allows the bulb to be replaced without turning off the water. All maintenance can be done without the use of tools. The device has a high efficiency in a compact design and with a low consumption of electricity.

The water runs through the lamp housing and passes the quartz tube where the UV bulb is located. When the water passes the bulb, the disinfection takes place – All bacteria will be inactivated and the water will be safe.



## The UV-Lamps:

The UV lamps are known for long durability, high degree of disinfection and low energy consumption. The device configuration allows easy access to bulb replacement and other maintenance.

The lamps are designed for a lifetime of 10,000 hours.

### Technical data:

Type & mark	ND Water 2501 Dual		
Flow	28 m <sup>3</sup> /t Op to 100.000 l in pools/pond		
UVC-Transmission	90% T <sub>1</sub> cm	Lifetime on bulb	10.000 t
Water temperature	8°C to 40°C	Dose	300 J/m <sup>2</sup>
Unit	Stainless steel 1.4571 (316 TI)	Max allowed pressure	10 bar
External thread	R 1 1/2"	Housing protection type	IP 65
Protection	FPM	Electrical connection	110-240 V 50/60 Hz
Dimensions (L x Ø i mm)	928 x 85 (x2)	Power and fuse	2 x 90 W & 10 A
Flange distance	810 mm	Number of lamps	2
Weight	12 kg		

### Accessories:

- Timer that counts operating hours to ensure proper bulb change
- UV-sensor for detecting correct operation when safety is needed. The unit will signal with light when the intensity becomes too low.
- UV sensor for operating other equipment that delivers signal in mA
- High voltage cable between EVG and lamp 1m, 5m or 10m.
- Mounting kit for easy mounting of the unit on the wall. Including clamps for the unit and control box
- Cleaning kit for quartz glass cleaning. Special cloth and detergent.

### Other products in water treatment:

Single unit for drinking water from 300 l to 4000 l.

Multiple drinking water units from 4.000 l to 40.000 l

Units for:

- Process water
- Pools
- Climate water
- Aquarium
- Fish farming
- Pharmacy

UV irradiation is dangerous to skin and eyes! Protect both eyes and skin from UV radiation. The user is responsible for their own safety and for the safety of the people who are staying in areas with installed UV systems. Please note that non-UVC-resistant materials may be damaged.

Units for other use: Surface disinfection, air disinfection active and passive and Cleanbox.