



# Water disinfection

# ND Process Water 2001

## Areas for use:

- Water in circulating systems

To be used at:	
<ul style="list-style-type: none"><li>• Cool/ Climate water</li></ul>	<ul style="list-style-type: none"><li>• Pools</li></ul>
<ul style="list-style-type: none"><li>• Food production</li></ul>	<ul style="list-style-type: none"><li>• Laboratories</li></ul>
<ul style="list-style-type: none"><li>• Fish ponds</li></ul>	<ul style="list-style-type: none"><li>• Fish farms</li></ul>

## Unit description:

ND Water 2001 is a compact unit for disinfection of water in circulating systems. The unit can easily be installed in pipe systems where the water is passed through the reactors and sterilized along the way.

The device is distinguished by its extraordinarily high disinfecting capacity, compact design and low energy consumption. It is manufactured in accordance with applicable laws, standards and rules. Its compact construction also allows for a light bulb change without the use of tools.

ND Water 2001 can also be used for undercooled water, as long as an increased start-up time at below 8 ° C is taken into account.



## The UV-Lamps:

The UV-lamps are known for long durability, high grade of disinfection and low energy consumption. The configuration of the unit allows for easy access to changing of the bulb and other maintenance. The Lamps are designed for a lifetime of 10.000 hours

### **Technical data:**

Type & mark	ND Process Water 2001		
Disinfection ability of 99%	8 m <sup>3</sup> /t Water. Up to 30.000 l. by pools and fish ponds.		
UVC-Transmission	90% T <sub>1</sub> cm	Life span on bulb	10.000 t
Water temperature	8°C to 40°C	Dose	300 J/m <sup>2</sup>
Reactor	Stainless steel 1.4571	Maximum temperature	40°C
Connection ext. thread	R 1 1/2"	Working pressure	10 bar
Seal	FPM	Housing protection type	IP 65
Measurement (L x Ø mm)	578 x 42	Electric connection	110-240 V 50/60 Hz
Flange distance	460 mm	Effect & fuse	48 W & 10 A
Weight	4,1 kg		

---

### **Accessories:**

- Timer that counts operating hours to ensure proper bulb change
- 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 cleaning liquid.
- Potential-free contact

---

### **Other products in the water family:**

Single units for water from 0,3 to 21 m<sup>3</sup> water per hour

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

---

### **Warning:**

UV radiation is dangerous for your skin and eyes! Both your eyes and skin must be appropriately protected from the direct UV light.

The user will be responsible for his own safety, as well as for the safety of people who are staying in areas where these units are being used. Please bear in mind that materials which are not UVC-resistant may be damaged.