



Water disinfection

ND Tropical-Box Active

Areas for use:

- Immediate supply of drinking water even in exposed areas with an integrated pump
- Integrated battery for increased applications

To be used at:	
<ul style="list-style-type: none">• Camping and caravan	<ul style="list-style-type: none">• Expedition
<ul style="list-style-type: none">• Mobile water supply	<ul style="list-style-type: none">• Disaster areas

Unit description:

ND Tropical-Box Active is a compact unit for water disinfection. Thanks to its low energy consumption, the system can operate for up to 20 hours with the integrated battery. The battery can via a solar panel or 110-230V power supply be charged.

ND Tropical-Box Active is extraordinary efficient. It can disinfect 400 l per hour. The small dimensions and low weight is suitable for both the acute as well as the long term use in regions with massive drinking water problems.



UV-Lampen:

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.

Teknisk data:

Type & mark	ND Tropical-Box Active	Flow	400 l/t drinking water
Dimensions, height	600 mm	Weight	17 kg
Dimensions, width	270 mm	Battery per charging	About 20 hours
Dimensions, depth	380 mm		
Technical data on the UV unit:			
Type	ND Water 500	Water temperature	2°C to 40°C
UVC-Transmission	90% T ₁ cm	Max. water temperature	40°C
Reactor	Stainless steel 1.4571	Dose	400 J/m ²
External thread	R 1/2"	Max allowed pressure	10 bar
Lifetime on bulb	10.000 t	Power	11 W
Technical data on pump:			
Electrical connection	12 V	Pressure shutdown	2,1 bar
Max flow	400 l/t	Suction height	2,5 m
Max Lifting height	7 m	Power	15 W
Pressure switch	1,3 bar		
Technical data on battery:			
Electrical connection	12 V DC, 24 Ah		

Accessories:

- Timer that counts the operation hours of the lamp, in order to secure correct bulb change.
- Cleaning set for cleaning quartz glass. Special cloth and cleaning liquid.

Other products in water treatment:

Tropical-Box is also available in a passive version.

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

Multiple units for drinking water from 4.000 l to 40.000 l

Units for:

- Process water
- Pools
- Climate water
- Aquarium

- Fish farming
- Pharmacy

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

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.