



PURION 1000 Starter

For 110 – 240 V

50 – 60 Hz

DESCRIPTION

Equipped with a suspended matter and activated carbon pre-filter, this version of the PURION 1000 is a perfect starter package for water treatment of up to 1,000 l/h. In addition, a lamp runtime meter is integrated into this version, which signals when the UV-C lamp needs to be changed.

The PURION 1000 starter package can certainly be understood as the ideal all-round system. The combination of suspended matter and activated carbon filter with a UV-C disinfection system is effective and reliable. As a starter package, it is particularly suitable for water conditions that are difficult to define and in which none of the properties, such as a very high lime or iron content, particularly stand out. The UV-C disinfection process specifically dissolves the DNA compounds of bacteria and viruses so that they die. Using the two pre-filters, particles up to a size of 60 microns as well as carbon-based chemicals and acetones are also successfully filtered out of the water.

Available power supplies

- **110-240V AC with wide voltage ballast**
- 12V DC or 24V DC for mobile use.
(Switch box design may vary)

MONITORING LEVEL

Plus (OTC/Lifetime monitoring)

The UV-C lamp has a natural drop in performance over the duration of its service life (10,000h). After this time, the lamp must be changed, the lamp runtime meter and the lifetime monitoring (OTC) signal the right time. The hours in which the lamp is switched on are counted and the values are output via an LED display. Up to 9,000 hours a green LED lights up, between 9,000 and 10,000 hours the pre-alarm is indicated by a yellow LED and after 10,000 hours a red LED lights up.

Scope of delivery

- UV disinfection system incl. suspended matter and activated carbon filter
- UV lamp (17 W)
- Operating instructions



Plus



Technical data

Manufacturer	PURION GmbH
Type	PURION 1000
Throughput	1000l/h drinking water
UVC transmission	90% T1 cm
Water temperature	2°C to 40°C
Reactor	Stainless steel 1.4571
External connection thread	R 1"
Seal	FPM
Dimensions (LxW in mm)	420x42
Flange distance	340mm
Weight	2 kg
Lamp service life	10.000h
Number of radiators	1
Dose	400J/m ²
Temperature Max	40°C
Enclosure protection	IP 65
Electrical connection	110 – 240V AC 50Hz/60Hz
Power	17W
Fuse protection	10A

Contact

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