



## PURION 2500 90 W PRO

For 110 – 240 V

50 – 60 Hz

### DESCRIPTION

This PURION 2500 90W Pro can be used for the disinfection of cooling and lubricating emulsions as well as fuels. As soon as liquids with a high density or poor UV-C light transmission are to be disinfected, a low liquid film thickness between reactor and glass body is required.

### Available power supplies

- 110-240V AC with wide voltage ballast



### OPTIONAL MONITORING LEVELS

#### Basic (Without monitoring option)

#### Plus (OTC/Lifetime monitoring)

The UV-C lamp has a natural power decrease over the duration of its lifetime (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.

### Basic



### Plus



## Technical data

|                                   |   |
|-----------------------------------|---|
| <b>Manufacturer</b>               | PURION GmbH                                   |
| <b>Type</b>                       | PURION 2500 90 W PRO                          |
| <b>Throughput</b>                 | 3500 l/h industrial water, 1500 l/h emulsions |
| <b>UVC transmission</b>           | > 20% T1 cm                                   |
| <b>Water temperature</b>          | 2°C to 40°C                                   |
| <b>Reactor</b>                    | stainless steel 1.4571                        |
| <b>Connection external thread</b> | R 1"  |
| <b>Seal</b>                       | FPM   |
| <b>Dimensions (LxW in mm)</b>     | 928 x 42                                      |
| <b>Flange distance</b>            | 850 mm  |
| <b>Weight</b>                     | 3,4 kg  |
| <b>Radiator service life</b>      | 10.000h                                       |
| <b>Number of emitters</b>         | 1   |
| <b>Dose</b>                       | 400J/m <sup>2</sup>                           |
| <b>Temperature Max</b>            | 40°C  |
| <b>Housing protection</b>         | IP 65   |
| <b>Electrical connection</b>      | 110 – 240V AC 50Hz/60Hz                       |
| <b>Power</b>                      | 90 W  |
| <b>Fuse protection</b>            | 10A   |

### Scope of delivery

- UV disinfection system
- UV lamp (90 W)
- Instruction manual

### Contact

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Official PURION Distributor  
**PURION**  
DIE SICHERSTE LÖSUNG



UVC-Desinfection  
**Made in Germany**