

Monitoring option PURION DUAL OPD

DUAL OPD

Integrated and cost effective management with one electronic control cabinet and monitoring of the UVC intensity (Operating Power Detection - OPD).



With the version DUAL OPD of the product family PURION DUAL both UV plants are switched and operated parallel.

The control system is realized integrated in one electronic control cabinet.

Additionally the first UV plant in flow direction is equipped with a direct monitoring of the UVC intensity.

Due to the simultaneous switching of both UV plants the current UVC intensity for the whole DUAL plant is displayed.

With the configuration DUAL OPD a cost effective protection mechanism to ensure the guaranteed disinfection power is implemented.

Power supply is carried out with 110 - 240 V 50/60 Hz. For the UV plant PURION 1000 Dual power supply can also be carried out with 12 V DC.

manufacturer	PURION® GmbH
type	DUAL OPD
number of control cabinet	1
dimensions control cabinet (W x H x D mm)	160 x 250 x 100 ² 250 x 350 x 160
number of signal lights for operating status ¹	2
number signal lights for disinfection power	1 x OPD
number potential free contacts	0
electrical connection	110-240 V 50/60 Hz 12 V DC
over current protection	10 A (110-240 V AC 6 A 12 VDC

Application of the version DUAL OPD:

PURION 1000 110-240V	PURION 2500 H
PURION 1000 12V	
PURION 2500 36W	
PURION 2500 90W	

Advantages

- electronic control system integrated in one cabinet
- protection mechanism to ensure guaranteed disinfection power via monitoring of the UVC intensity (OPD)
- cost effective equipment acquisition

¹ Signaling of the operation status - no monitoring if the guaranteed disinfection power is ensured over lifetime.

² For PURION 110-240V and PURION 2500 36W