

Monitoring option PURION DUAL OTC Professional

DUAL OTC Professional

Integrated and cost effective management with one electronic control cabinet and monitoring of the life time of the UV lamps (Operating Time Counter - OTC).



With the version DUAL OTC Professional of the product family PURION DUAL it is possible to operate one or both plant.

The second UV plant in flow direction can be additionally switched on (priority circuit). For both plants a monitoring of the life time of the UV lamp is integrated (OTC 2).

If only the first UV plant (in flow direction) is operated the second UV plant will be immediately and automatically switched on if there is an error or the life time of the UV lamp expires.

With this backup mechanisms in case of operated one UV plant, a very high degree of safety is ensured.²

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

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.

The version DUAL OTC Professional enables a well-engineered protection to ensure the guaranteed disinfection power.

manufacturer	PURION® GmbH
type	DUAL OTC Professional
number of control cabinet	1
dimensions control cabinet (W x H x D mm)	250 x 350 x 160
number of signal lights for operating status ¹	2
number signal lights for disinfection power	2 x OTC 2
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 OTC Professional:

PURION 1000 110-240V	PURION 2500 H
PURION 1000 12V	PURION 2501
PURION 2500 36W	PURION 2501 H
PURION 2500 90W	PURION 2501 PVC

PURION UV-Set DUAL

Advantages

- very high protection to ensure guaranteed disinfection via combination of monitoring of the life time of the UV lamp (2 x OTC 2) and technical backup mechanism
- electronic control system integrated in one cabinet
- cost effective equipment acquisition

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

² If both plants are operated, display of the disinfection power is done via the signal lights of the OTC 2.