

DUAL OTC Professional

monitoring option



With the version PURION DUAL OTC Professional it is possible to operate one or both UV reactors. The control system is realized integrated in one electronic control cabinet. For both PURION UV-lamps a monitoring of the life time of the UV lamp is integrated (OTC 2).

The second UV plant in flow direction can be additionally switched on (priority circuit). 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 operation only the first UV lamp a very high degree of safety is ensured.

advantages	product line	PURION DUAL OTC Professional
electric control system integrated in one cabinet	number of control cabinet	1
	dimensions control cabinet (WxHxD mm)	250 x 350 x 160
very high degree of safety to ensure guaranteed disinfection via combination of monitoring of the life time of the UV lamp (2 x OTC 2) and technical backup mechanism	no. of signal lights for operating status	2
	no. signal lights for disinfection power	2x OTC 2
main switch for operation mode	number potential free contacts	2
	electrical connection	110-240 V 50/60 Hz 12 V DC
	over current protection	10 A (110-240 V AC) 6 A (12 V DC)
cost effective equipment acquisition	housing's type of protection	IP 54

PURION 1000 DUAL	flow rate 2 m³/h
PURION 2500 DUAL 36 W	flow rate 5 m³/h
PURION 2500 DUAL 90 W	flow rate 8 m³/h
PURION 2001 DUAL	flow rate 10 m³/h
PURION 2501 DUAL	flow rate 20 m³/h
PURION 1000 DUAL PVC-U	flow rate 2 m³/h
PURION 2500 DUAL 36 W PVC-U	flow rate 5 m³/h
PURION 2500 DUAL 90 W PVC-U	flow rate 8 m³/h
PURION 2001 DUAL PVC-U	flow rate 10 m³/h
PURION 2501 DUAL PVC-U	flow rate 20 m³/h
PURION 1000 DUAL H	flow rate 3 m³/h
PURION 2500 DUAL H	flow rate 8 m³/h
PURION 2501 DUAL H	flow rate 20 m³/h
PURION 1000 DUAL PRO	flow rate 0,8 m³/h
PURION 2500 DUAL 36 W PRO	flow rate 2 m³/h
PURION 2500 DUAL 90 W PRO	flow rate 5 m³/h

DUAL OPD

monitoring option



With the version PURION DUAL OPD both UV plants are switched and operated parallel. The control system is realized in one electronic control cabinet with one Operating Power Detection (OPD) to monitor the UVC intensity.

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. 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.

advantages	product line	PURION DUAL OPD
electric control system integrated in one cabinet	number of control cabinet	1
	dimensions control cabinet (WxHxD mm)	160 x 250 x 100 or 250 x 350 x 160
safety mechanism to ensure guaranteed disinfection power via monitoring of the UVC intensity (OPD)	no. of signal lights for operating status	2
	no. signal lights for disinfection power	2x OPD
one switch button for both UV plants	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 V DC)
cost effective equipment acquisition	housing's type of protection	IP 54

PURION 1000 DUAL	flow rate 2 m³/h
PURION 2500 DUAL 36 W	flow rate 5 m³/h
PURION 2500 DUAL 90 W	flow rate 8 m³/h
PURION 2001 DUAL	flow rate 10 m³/h
PURION 2501 DUAL	flow rate 20 m³/h
PURION 1000 DUAL H	flow rate 3 m³/h
PURION 2500 DUAL H	flow rate 8 m³/h
PURION 2501 DUAL H	flow rate 20 m³/h