

## Monitoring option PURION DUAL OPD Ultra

### DUAL OPD Ultra

Integrated management with one electronic control cabinet  
With monitoring of the UVC intensity (Operating Power Detection - OPD) and a well engineered safety mechanisms.



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

For both plants a monitoring of the UVC intensity is integrated (OPD 2). Both plants are equipped with a potential free contact to switch the magnet valve.

In case of an error or too less UVC intensity the water flow will be immediately and automatically interrupted by the magnet valve.<sup>2</sup>

With this backup mechanisms a very high degree of safety is ensured.

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

Power supply is carried out with 230 V 50 Hz.

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

manufacturer	PURION® GmbH
type	DUAL OPD Ultra
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 <sup>1</sup>	2
number signal lights for disinfection power	2 x OPD 2
electrical connection	230 V 50 Hz.
manufacturer	10 A 230 V
equipment	electrical pre-configured magnet valve

### Application of the version DUAL OPD Ultra:

PURION 1000 110-240V

PURION 2500 36W

PURION 2500 90W

PURION 2500 H

### Advantages

- electrical pre-configured magnet valve
- very high protection to ensure guaranteed disinfection via combination of monitoring UVC intensity (2x OPD 2) and technical backup mechanism (magnet valve)
- electronic control system integrated in one cabinet
- cost effective equipment acquisition

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

<sup>2</sup> A new release of the water flow is only possible via removing the error or replacing the lamps to increase UVC intensity.