

## PURION IBC UV-Set 36 W for installation

...is characterised by an extraordinarily high disinfection performance with compact design and low energy consumption. It is designed in accordance with applicable laws, standards and guidelines.



PURION IBC UV-Set 36 W with splinter protection and safety basket

This UV set consists of a quartz protection tube sealed at one end and mounted at the other end in a stainless steel immersion tube head, a UV lamp, the control box with electronic ballast and the connecting cables. connecting cables.

The stainless steel flange has three holes with which it is firmly screwed into an IBC tank lid, with two additional tank bushings. The function of the UV lamp, which is mounted in the quartz protection tube, can be checked through the transparent cap on the immersion tube head. A control lamp signals e.g. lamp failure or cable break. A potential-free contact linked to it can be used for external signalling, or for switching operations.

The UV lamps used are characterised by a long service life, high disinfection performance and low energy consumption. Optionally, the power supply can be 230 V/50 Hz or 110 V/60 Hz or 24 V DC.

Due to the configuration with splinter protection and safety holder, this UV set is very robust and suitable for mobile and outdoor applications. The compact design allows easy lamp removal without tools and lamp replacement, for example at the end of the lamp's service life. For cleaning purposes, the quartz immersion tube can be simply quartz immersion tube can be easily dismantled or mounted.

manufacturer	PURION® GmbH
type	PURION IBC UV Set 36 W
throughput and disinfection performance	depending on the medium and geometric structure of the container
irradiation length	720 mm
sealing surface flange to end quartz tube	920 mm
diameter quartz tube	Ø 23 mm
IBC tank cap	DN 150 or DN 225
tank door duct	1"
weight	2,5 Kg
UV lamps service life	10.000 h
monitoring (optional)	Operating Time Counter (OTC)
number of radiators	1
max. operating pressure	10 bar
enclosure protection	IP 65
electrical connection	110-240 V 50/60 Hz or 24 VDC
power	36 W
fuse protection	10 A

### Scope of delivery of this PURION IBC UV-Set:

immersion tube system 23/920 Set BS Spl (safety basket & splinter protection)

electric control box with electronic ballast 110-240 VAC, or 24V DC, lamp cable ~ 3m, UV-lamp 36W,

IBC tank cap DN150 with 2 x 1" external threaded,

2 x threaded cap internal thread with O-ring 1" IG

### advantages

- robust configuration
- no chemical input into the medium to be disinfected
- no odour and taste impairment
- low-maintenance operation and low operating costs

### Attention!

UV radiation is dangerous for skin and eyes! Eyes and skin must be protected accordingly. The user is responsible for his own safety & the safety of persons in the vicinity where these lamps are used. Please note that materials that are not stable to UVC can be damaged.