

PURION 1000



The UV-plant PURION 1000 is made from electropolished stainless steel 1.4571.

The PURION 1000 is applied to disinfect drinking water up to a flow rate of 1.000 l/h and a transmission (or turbidity) of the water of at least 90% per cm.

The UV-plant PURION 1.000 is operates very efficiently with a PURION UV-lamp 17W. Several options for power supply and monitoring of the disinfection performance are available.

applications	product line	PURION 1000
drinking water	flow rate	1000 l/h
climate water	UVC-transmission	90% T ₁ cm
pools	temperature	2°C - 40°C
aquarium	flanges	R 1"
fish ponds	dimension (LxØ mm)	420 x 42
sewage water	distance flanges	340 mm
pharmacy	weight	2,8 kg
greenhouse water	life time of lamps	10.000 h
industrial water	dosis	400 J/m²
cooling lubricant	max. pressure	10 bar
	protection grade	IP 65
advantages		
additional chemicals are not required for disinfection	electrical connection	230 V/50 Hz or 110-240 V 50/60 Hz 12 V DC or 24 V DC
not affecting smell or taste		
low-maintenance operation	total power	17 W
low operational costs	over current protection	10 A

alternating current (VAC)

	alternating current AC	wide voltage	Operating Time Counter	Operating Power Detection	potential free contacts
article number: 110 00600 0000	•				
	alternating current AC	wide voltage	Operating Time Counter	Operating Power Detection	potential free contacts
article number: 110 03700 0000	•	•			
	alternating current AC	wide voltage	Operating Time Counter	Operating Power Detection	potential free contacts
article number: 110 03800 0000	•	•	•		
article number: 110 05200 0000	•	•	•		•
	alternating current AC	wide voltage	Operating Time Counter	Operating Power Detection	potential free contacts
article number: 110 01300 0000	•	•		•	
article number: 110 02500 0000	•	•		•	•

direct current (VAC)

	direct current 12 V DC	direct current 24 V DC	Operating Time Counter	Operating Power Detection	potential free contacts
article number: 110 00700 0000	•				
article number: 110 00800 0000		•			
	direct current 12 V DC	direct current 24 V DC	Operating Time Counter	Operating Power Detection	potential free contacts
article number: 110 01600 0000	•				
article number: 110 03600 0000		•	•		
article number: 110 05900 0000	•		•		•
article number: 110 07700 0000		•	•		•
	direct current 12 V DC	direct current 24 V DC	Operating Time Counter	Operating Power Detection	potential free contacts
article number: 110 01700 0000	•			•	
article number: 110 02200 0000		•		•	
article number: 110 05300 0000	•			•	•
article number: 110 08000 0000		•		•	•