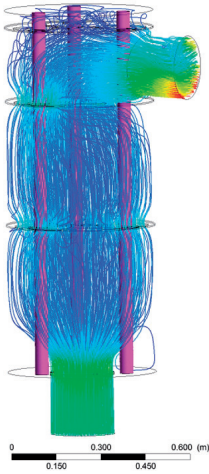


IT SERIES UV STERILIZERS



IT Series is designed for applications that require third party certification. IT Series UV Sterilizers are biosimetrically tested according to Austrian norm: O-NORM 5873-1 to fulfill the EPA requirements contained in the Ultra Violet Guidance Manual. Special mixing plates inside the ANSI stainless steel 316L UV reactor to guarantee a correct distribution of the water. Perfect for drinking water or food and beverage applications.

- Validated ONORM M5873-1
- “L” Shape configuration for vertical or horizontal mounting
- Flow Rates and UV Doses validated via Biosimulator Test (O-NORM 5873-1) and CFD Analysis
- 316L Stainless Steel Vessel internally/externally polished
- Automatic Wiping System
- Pressure rated to 130 PSI



ÖNORM M 5873-1
BIODOSIMETER TEST



UV 400 IT MODEL



UV 40 IT MODEL

UV VESSELS
IT SERIES

UV MODEL	NUMBER OF LAMPS	NOM-INAL TOTAL LAMP WATT-AGE	VESSEL MATERIAL	VESSEL TYPE	FLOW RATE AT 90%UVT (US GPM)		INLET / OUTLET (Inches)	UV VESSEL LENGTH (Inches)	CON-TROLLER OPTIONS
					UV-C DOSE 30 mJ/cm2	UV-C DOSE 180 mJ/cm2			
UV 10 IT	1 / 200W	200	316	L-TYPE	53	9	2" NPT	53"	LCD
UV 40 IT	6 / 80W	480	316	L-TYPE	125	21	4" ANSI FLANGE	52"	ST
UV 80 IT	2 / 400W	800	316	L-TYPE	231	39	4" ANSI FLANGE	76"	ST
UV 120 IT	3 / 400W	1200	316	L-TYPE	365	61	6" ANSI FLANGE	82"	ST
UV 200 IT	4 / 400W	1600	316	L-TYPE	548	91	8" ANSI FLANGE	82"	ST
UV 400 IT	6 / 400W	2400	316	L-TYPE	825	137	10" ANSI FLANGE	84"	ST

NOTES: UV sizing based on End of Lamp Life (EOL), 20°C, US EPA UVDGM Point Source Summation calculation approach, 1000 segments sources for each lamp. EOL is 9000 hours for 80W lamps, 14,000 hours for 200W lamps, and 16,000 hours for 400W lamps.

*** Contact IAS for Free System Design Assistance ***