

Inline Medium Pressure UV Systems



**MEDIUM PRESSURE SYSTEMS
SMP DS SERIES**

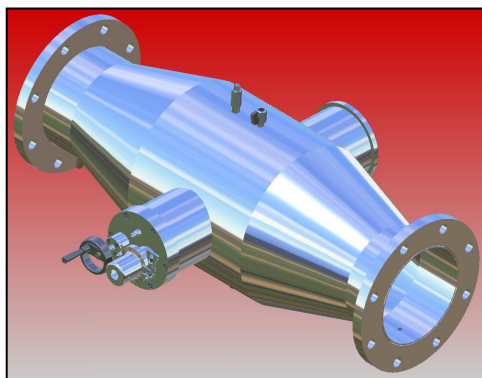


TABLE FOR THE UNIT IDENTIFICATION

MODEL	Flow-rate	No. lamps	IN/OUT connections
	m ³ /h		
SMP 6 DS	25	1-600 W	2"
SMP 10 DS	40	1 - 1000W	DN 80 - PN10
SMP 20 DS	90	1 - 2000W	DN100 - PN10
SMP 25 DS	130	1 - 2500W	DN150 - PN10
SMP 35 DS	250	1 - 3500W	DN200 - PN10
SMP 50 DS	350	2 - 2500W	DN200 - PN10
SMP 70 DS	500	2 - 3500W	DN250 - PN10
SMP 105 DS	750	3 - 3500W	DN300 - PN10
SMP 140 DS	1,200	4 - 3500W	DN400 - PN10

Manifold material: S/S AISI 316 polished

Manual Cleaning system of quartz sleeves

For larger flow rate contact ESCO International

TABLE FOR THE CONTROL PANEL IDENTIFICATION

SMP DS	Control of lamps working
	Hour-meter and Resettable count down hour-meter with alarm for end lamp life
	Free contact NO/NC 220V NA/NC Outlet – 5A max
	Electrical Panel Temperature Control
	ON/OFF timer
	Datalog (data downloadable with the appropriate software as optional)
	Control of water temperature-irradiation
	Shutdown for high temperature UV chamber or electrical panel
	Datalog Irr./Temp. (downloadable with appropriate software optional)
Optional	Shut OFF for flooding
	Remote ON/OFF
	Possible communication with an external flow meter
	Dose Calculation
	4-20 mA Outlet

SPECIAL EQUIPMENTS

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| <ul style="list-style-type: none"> ✓ For high pressure ✓ UV sensor O-Norm or DVGW certified ✓ Flow Switch (turn off the system in case of no flow) |
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SPARE PARTS

LAMPS		
Code	Article	Pack.
MP1410	Lamp for SMP 10	1
MP1411	Lamp for SMP 20	1
MP1412	Lamp for SMP 25	1
MP1413	Lamp for SM 35	1

QUARTZ		
Code	Article	Pack.
MP1400	Quartz for SMP 10/20	1
MP1401	Quartz for SMP 25	1
MP1403	Quartz for SMP 35/50/70/105	1
MP1404	Quartz for SMP 140	1

ACCESSORIES		
Code	Article	Pack.
MP1128	Temperature / Irradiation Sensor for SMP Series	1
UV740	DVGW approved irradiation sensor	1
MP1156	O-ring for quartz SMP series	1