

Technical Specification for Conveyor + VUV Excimer + UV Hg

Conveyor

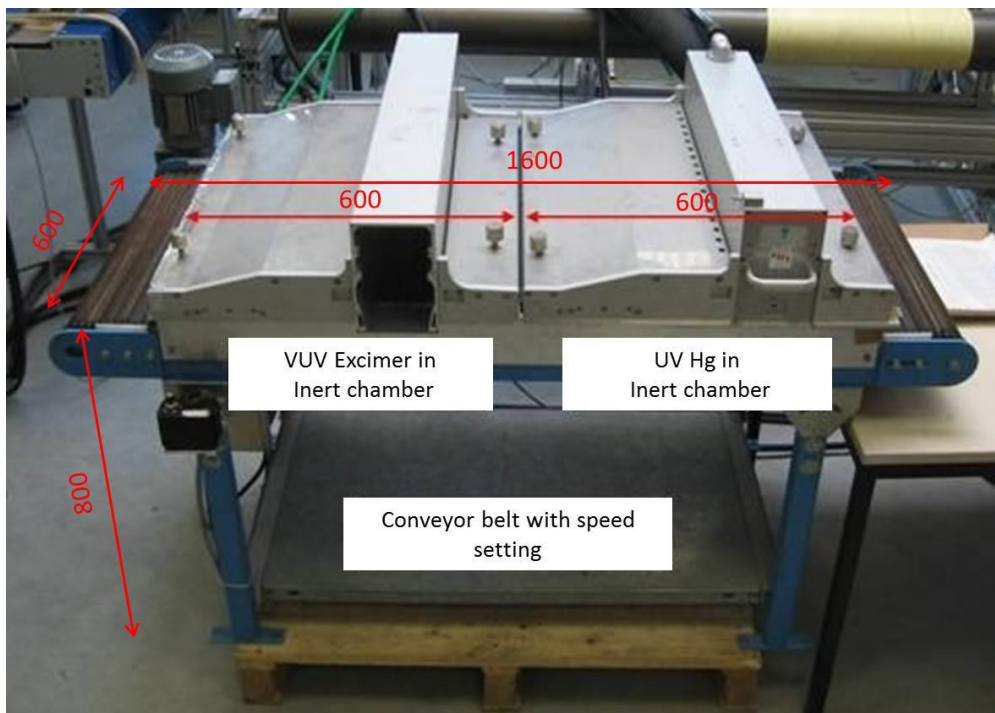
- Speed 0-20m/min
- Web width 600mm

UV-HG - Radiator

- Print Concept UV lamp 160 W/cm
- Radiation width 550mm

VUV Excimer - Radiator

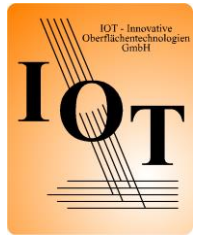
- Print Concept UV lamp 20 W/cm
- Radiation width 600mm



IOT – Innovative Oberflächentechnologien GmbH

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Ust-IdNr.: DE197050199 Steuernummer : 232/111/01741



Connections supplied by the customer

Electric:

2 x CEE Socket 400V 16A (Conveyor + VUV Excimer)

1 x CEE Socket 400V 32A (UV Hg)

Inert Gas Nitrogen:

Minimum pressure: 8 bar

Consumption: max 60Nm³/h

Quality: 5.0 (water- and oxygen-free), particles free

Temperature: ambient

Interconnection point: ½" male thread by IOT

2 x inlet + 2 x outlet Cooling water (VUV Excimer + UV Hg):

Pressure: 5 bar pressure difference inlet/ outlet

Temperature: 20 – 30 °C

Connection pipe: 1/2" pipe

Interconnection point: inert chamber IOT, inlet and outlet 13mm hose nipple by IOT

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Dimensions of the Cabinets:

	Component	Dimensions			
		number	length	width	height
Conveyor belt					
	Conveyor	1	1,70 m	1,30 m	1,30 m
VUV Excimer					
	Deionator	1	1,30 m	0,95 m	1,80 m
	E-Cabinet	2	1,30 m	0,95 m	1,80 m
UV-Hg					
	Filter	1	1,30 m	0,80 m	1,80 m
	E-Cabinet	2	0,90 m	0,70 m	1,60 m

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