



## High power Cold UV Excimer System

### BlueLight 172 nm

- Cleaning of surfaces
- Photochemical vapour deposition
- Modification of structure and composition of surfaces
- Activation of surfaces
- UV matting
- Ozone generation

### BlueLight 222 nm

- Photolysis of hydrogen peroxide
- Inactivation of microorganisms
- UV curing for printing processes
- Photochemical vapour deposition

### BlueLight 282 nm

- Inactivation of microorganisms
- UV curing for printing processes

### BlueLight 308 nm

- UV curing for printing processes

Please check our website for more details and information on applications!



- BlueLight Module consisting of:**
- BlueLight Irradiation Unit
  - Excimer UV-Source
  - BlueLight Power Supply PS 15 or PS 30
  - BlueLight Cooling Unit

- Features:**
- available as 50 Hz and 60 Hz versions
  - Irradiation length: 30 cm or 60 cm
  - Lamp power:
    - 172 nm: 450 W (30 cm), 900 W (60 cm)
    - 222 nm/282 nm/308 nm: 1.5 kW (30 cm), 3 kW (60 cm)

**BlueLight Modules and Spare Parts with Order Numbers**

Type	172 nm		222 nm		282nm		308 nm	
	Type	Ident-No.	Type	Ident-No.	Type	Ident-No.	Type	Ident-No.
Module 30 cm, 50 Hz	BlueLight Module 1/172/380/50Hz	80001197	BlueLight Module 222/300/50Hz	45130212	BlueLight Module 282/300/50Hz	80014000	BlueLight Module 308/300/50Hz	45130208
Spare Part Set: Excimer UV-source incl. gaskets	172/380Z	45002755	222/330Z	45004916	282/330Z	80023445	308/330Z	45004915
Module 60 cm, 50 Hz	BlueLight Module 1/172/680/50Hz	80001204	BlueLight Module 222/600/50Hz	45130213	BlueLight Module 282/600/50Hz	80014010	BlueLight Module 308/600/50Hz	45130209
Spare Part Set: Excimer UV-source incl. gaskets	172/680Z	45002966	222/635Z	45004917	282/635Z	80023446	308/635Z	45004885
Module 30 cm, 60 Hz	BlueLight Module 1/172/380/60Hz	45133493	BlueLight Module 222/300/60Hz	45130214	BlueLight Module 282/300/60Hz	80023398	BlueLight Module 308/300/60Hz	45130210
Spare Part Set: Excimer UV-source incl. gaskets	172/380Z	45002755	222/330Z	45004916	282/330Z	80023445	308/330Z	45004915
Module 60 cm, 60 Hz	BlueLight Module 1/172/680/60Hz	80000638	BlueLight Module 222/600/60Hz	45130215	BlueLight Module 282/600/60Hz	80023399	BlueLight Module 308/600/60Hz	45130211
Spare Part Set: Excimer UV-source incl. gaskets	172/680Z	45002966	222/635Z	45004917	282/635Z	80023446	308/635Z	45004885
Spare Part Set: Cladding Tube 300 incl. gaskets	---		45004886		45004886		45004886	
Spare Part Set: Cladding Tube 600 incl. gaskets	---		45004918		45004918		45004918	

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