

Changing lamps is now easier and quicker with the new cable-free FLC® (Fast Lamp Change) lamp system. The new lamps reduce downtime for lamp changes to a minimum.

- **Lamp changes in a few seconds**

It is now possible to change UV lamps in a matter of seconds as they can be removed from the housing in a few simple steps. It is also a lot quicker to clean the lamps and reflectors to ensure that they always operate at their optimum performance. The additional benefits of regular cleaning include more efficient and environmentally friendly operation and a longer life for your UV system.

- **No special tools needed**

As there are no parts to unscrew or cables to disconnect the UV lamps can be changed at any time by a trained operator. It is no longer necessary for an electrician to carry out the job.

- **Doped lamps available**

The full range of IST doped lamps is available in the FLC® lamp range. The UV system can be adapted to meet the most diverse application needs with a minimum of time with the fast lamp change system.

- **Trouble free fitting in existing systems**

As the dimensions of the new FLC® lamps are identical to those of standard IST lamps it is no problem to switch to the FLC® system.



- **Quality Control**

The UV lamps in the FLC® system are subject to IST's rigorous testing procedure. Electrical parameters including operating voltage and current, specific energy output and UV-C energy output are all measured and compared to nominal values. Every IST UV lamp undergoes these tests and is given an individual test certificate.

Marking of the UV lamps

	maximum lamp output 120 W/cm
	maximum lamp output 160 W/cm
	maximum lamp output 200 W/cm
	maximum lamp output 240 W/cm
	maximum lamp output 270 W/cm

	Standard lamp without doping
	Gallium-indium-doped lamp
	Iron-doped lamp
	Lead-doped lamp

Quick and easy lamp changes with the FLC® system

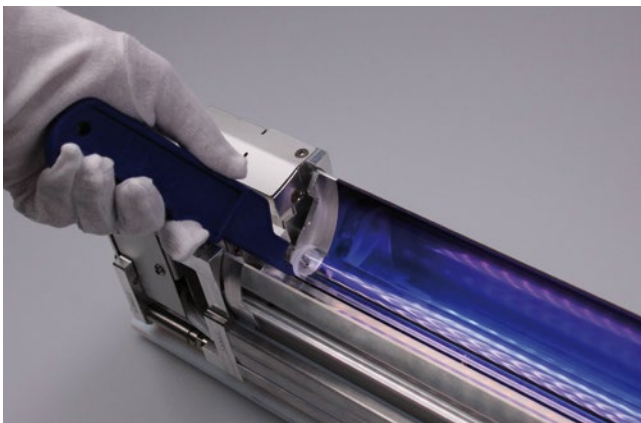
It is now quick and easy to change UV lamps with the new FLC® system.

After the cooling cycle the UV unit is opened or pulled out of the machine, so that the lamp is accessible.

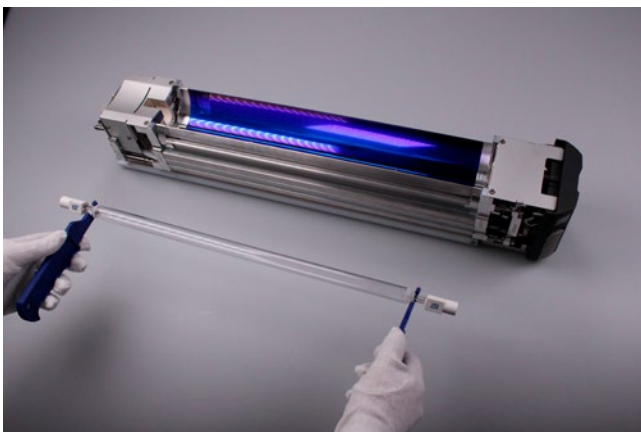
Removal of the UV lamp

The lamp is easily lifted out of the housing and removed from the unit using the tool supplied.

There are no screws to remove or cables to disconnect.

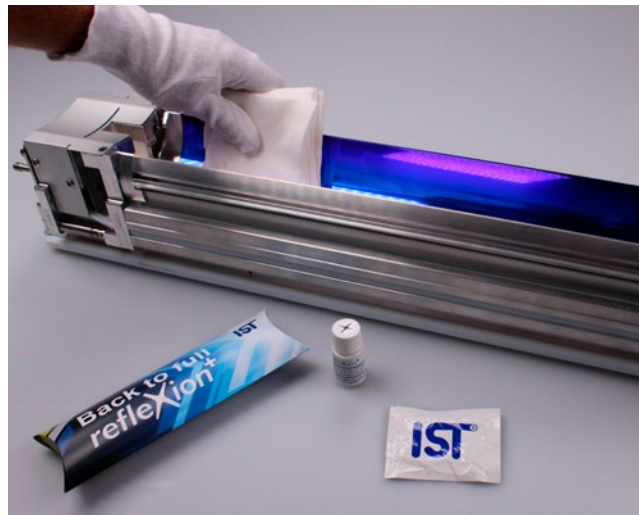


The lamp is removed from the housing and taken out of the unit using the tool supplied.



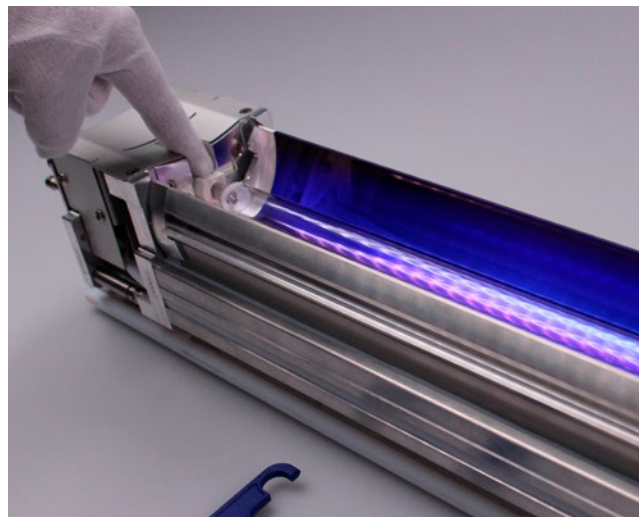
Cleaning the reflectors

When the lamp has been removed the reflectors can be cleaned.



Inserting the new lamp

The new lamp is simply placed in the lamp housing. The lamp locks into place automatically when lightly pressed into the lamp socket.



The UV lamp is replaced and locks into place automatically with light pressure.

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