

DLP CUP

PULSED LIGHT

POT

DECONTAMINATION

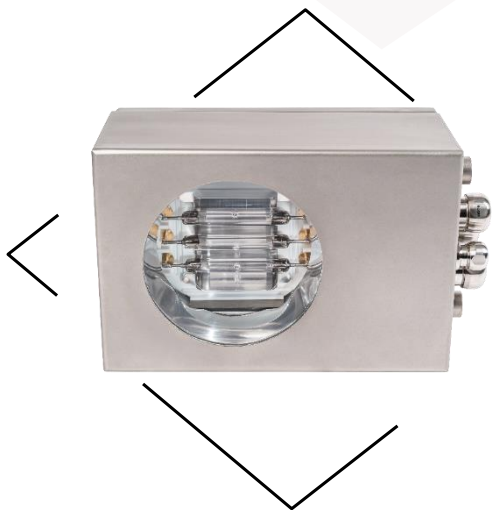
SOLUTION



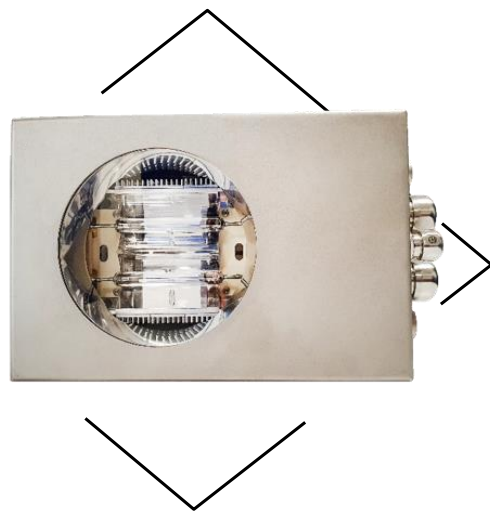
**FLASH TECHNOLOGY DESIGNER
AND MANUFACTURER**



Pulsed light disinfection is a practice commonly deployed in the food industry. It replaces chemical techniques for the treatment of food containers (cups, buckets, trays, caps, etc.) or food preparations. Treatment of containers before filling also reduces the use of preservatives. This Pulsed Light solution is spreading in the cosmetics or paint industries.



3-lamp module



2-lamp module

The DLP-cup is designed for the decontamination of cups of Ø up to 116 mm.

The use of a 2-lamp or 3-lamp module will depend on the depth of the cups and the decontamination requirement.

DLP CUP

UNIT POT DECONTAMINATION



SUITABLE

For pots with Ø up to 116 mm



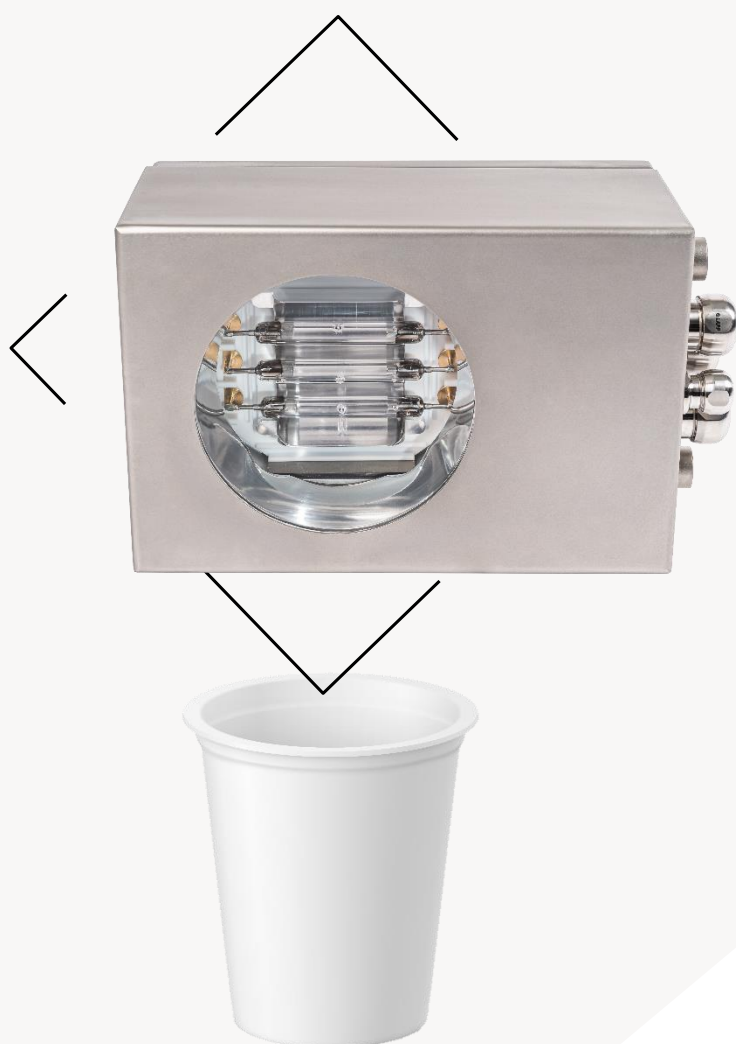
EFFICIENT

2 400 pots / hour



EFFECTIVE

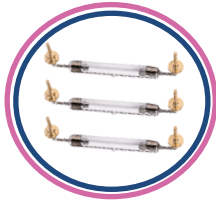
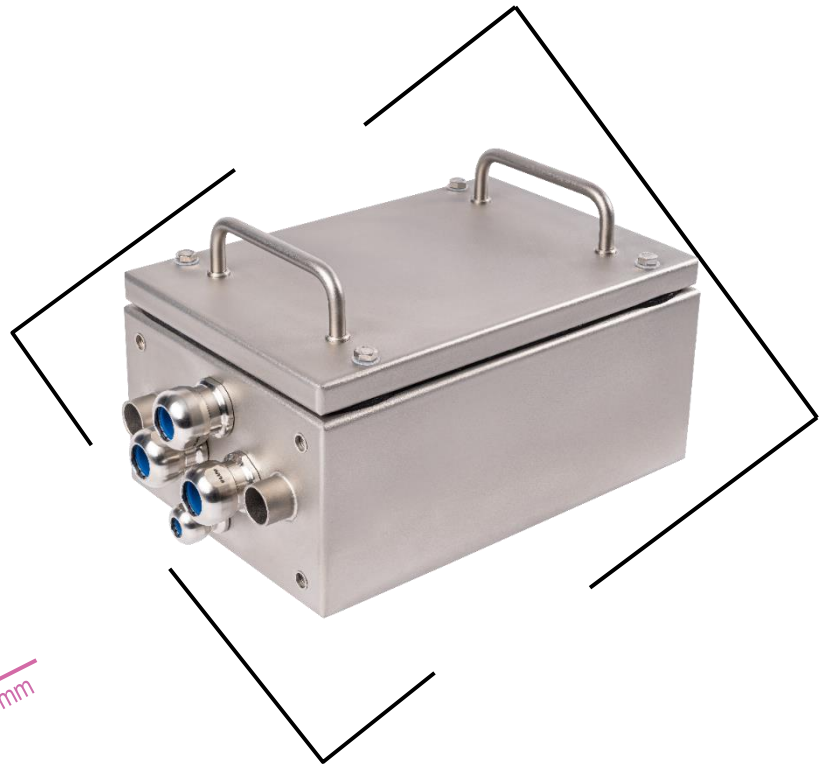
3 to 6 log depending on which strains



*Key benefits
resulting from
Pulsed Light
developped and
patented by
Phoxene*

COMPACTNESS

Compact optical head for unit
pot processing.



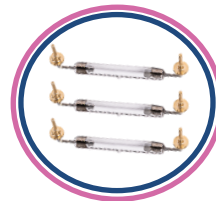
120 mm
190 mm
280 mm



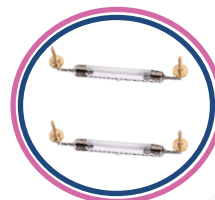
125 mm
170 mm
255 mm

Compact electronic block, remotable up to
5 m and integrable in a cabinet or in a stand-
alone stainless steel enclosure.

220 mm
400 mm
180 mm



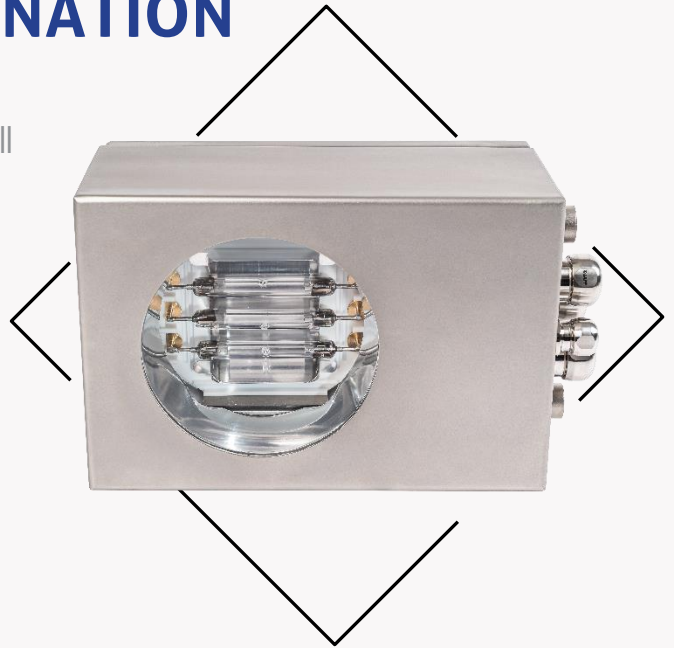
220 mm
320 mm
180 mm





CERTIFIED DECONTAMINATION

Phoxene Technology is based on the use of small lamps and an optical design ensuring the concentration and homogenization of the flash.



Decontamination efficiency is at its maximum for the treatment **of all surfaces of the pot: neck, walls, bottom.**



Test report available on request attesting to the decontamination
> 4 log on *Aspergillus brasiliensis*



Wide variety of strains tested (*Aspergillus Niger*, *Aspergillus brasiliensis*, *Bacillus Subtilis*, *E. coli*, GBS, *Staphylococcus aureus*)
> 3 to 6 log guaranteed in 1 flash

Phoxene mobilized the expertise of **independent microbiology laboratories** to test the efficiency of the DLP Technology

PRA XENS
DECONTAMINATION, MICROBIOLOGIE, FORMULATION





AIR COOLING

Phoxene flash generation technology is patented.

It guarantees the stability and reproducibility of the flash of light while guaranteeing a long lamp life.

A simple air cooling system is required

The intake is provided by a remote fan in the electronic unit



EASY MAINTENANCE

- Integration into equipment by 4 fixing points
- IP66 case
- Active detection of glass breakage
- Removable lamps by a technician





SPECIFICATIONS

DLP CUP

Module : 3-lamp

2-lamp

Maximum processing capacity	2 400 cups / hour	2 400 cups / hour
Lamp lifespan	3 000 000 cups	3 000 000 cups
Power supply	90-264 V (AC)	90-264 V (AC)
Power	600 W	400 W
Optical head dimensions	120 x 185 x 280 mm	125 x 170 x 255 mm
Optical head weight	5 kg	4,5 kg
Electronic units dimensions	400 x 220 x 180 mm	320 x 220 x 180 mm

A PROJECT ? QUESTIONS ? A QUOTE ?

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