UV Smart

D45

High-level disinfection for ultrasound probes in a matter of seconds



UVsmart



Compliance, sustainability and excellence

in ultrasound probe reprocessing

Certified Disinfection

Class IIa medical devices under MDR.

Lightning-Fast

High-level disinfection in just over a minute with no warm-up time, no wipes, and no consumables.

Safe and Gentle

Limits the spread of HPV and other STDs.

Track and Trace

Advanced tracking features to ensure you are always audit-ready.

More info?
Scan the QR code!

The D45 adapts to your healthcare setting

Easy to use, the D45 has an intuitive interface and gives clear feedback to the user.

Place the D45



How to use the D45



1	2	3	4	5	6	7
Start of the process	**Scanning**	**Placement**	**Disinfection**	**Scanning**	**Hand disinfection**	**Disinfection successful**
Pre-clean the probe.	Scan your ID and the probe for traceability.	Place the probe in the D45 and close the door.	After 75 seconds the D45 completes the disinfection cycle.	Scan your ID to unlock the door.	Disinfect your hands.	Take out the ready-to-use probe.



Technical Specifications

Product name (brand name)	D45 (UV Smart)
Type of unit	D45 UV-C Medical Disinfection Device
Classification (acc. to IEC/EN 61010-1)	Medical Disinfection Device
Class (acc. to MDR)	IIa
Ingress Protection	IP 20
Voltage rating, overvoltage category	120-250 VAC (±10%), OVC II
Frequency	50/60Hz
Amperage rating	2A
Max. power rating	200W
UV-C range (wavelength)	100-280nm (peak at 253.7nm)
Fuse value	2 x 2A time-lag fuse (ø5x20mm)
EMC	IEC 61326-1/61000-3/4 (A1, CISPR 11)
Product Service Life	10 years

Operating conditions

Temperature	5°C - 40°C
Relative humidity	20% - 85% (without condensation)
Atmospheric pressure	800hPa - 1060hPa

Transport and storage conditions

Temperature	-25°C - 60°C
Relative humidity	20% - 85% (without condensation)
Atmospheric pressure	800hPa - 1060hPa
Weight	Approximately 25kg
Dimensions (WxHxD)	390mm x 525mm x 200mm (closed)
IT connection	Ethernet Cable
Track & Trace	Retrievable via UV Soft and D45 internal memory
Technical inspection (service/maintenance)	Every 12 months