

The UV SMART™ D25+ System



On any given day,
1 in 38
hospital patients has at least
one healthcare-associated
infection¹

**Patients
come into
contact with
several items,
like:**



Rigid endoscopes



Blood pressure pumps



Wireless probes



Stethoscopes

¹ <https://www.cdc.gov/healthcare-associated-infections/php/data/index.html>



Current processes

Wipe and soak disinfection



Recurring costs for chemicals



Manual disinfection



Resource use and disposal

The UV SMART™ D25+ System

The D25+, powered by Impelux™, a UV-C light technology, is a versatile disinfection device. This disinfection device is suitable for a wide range of medical departments including gynecology, ear, nose and throat (ENT), emergency rooms, neonatology, and BioMed Departments, among others.

The D25+ is designed to safely and efficiently disinfect medical equipment such as **wireless ultrasound probes** and **rigid ENT endoscopes** as well as handheld non-invasive medical devices.²

² The UV SMART™ D25+ is intended to reduce micro-organism count by at least log-4 on outer surfaces of (non)invasive medical devices without working channels and other medical equipment. In case of invasive medical devices without working channels, this is achieved after the equipment is pre-cleaned and checked according to the manufacturer's protocol.



Speed and efficiency with the D25+



Automated disinfection with a 25-second cycle



Digital traceability with connection to laptop/tablet application

- ➔ User ID
- ➔ Equipment ID
- ➔ Patient ID number
- ➔ Success of disinfection
- ➔ Time and date of disinfection



No chemicals used in the disinfection cycle



The UV SMART™ D25+

Disinfection add-ons



1. (Pre-)Cleaning



2. Secure transport and storage



3. Traceability



Technical Specifications

Type of unit	D25 V2 UV-C Medical Disinfection Device
Classification (acc. to IEC/EN 61010-1)	Medical Disinfection Device
Class (acc. to MDR)	Ila
Voltage rating, overvoltage category	120-250VAC ($\pm 10\%$), OVC II
Frequency	50/60Hz
Amperage rating	2.5A
Max. power rating	220W
UV-C wavelength	253.7nm
Accessible fuse value	2x4A 250V time-lag fuse ($\varnothing 5 \times 20$ mm)
EMC	IEC 61326-1/61000-3/4 (A1, CISPR 11)
Product service life	7 years
Maintenance	Every 12 months
Operating conditions	
Relative humidity	20% - 90%
Temperature	0°C - +50°C
Atmospheric pressure	800hPa - 1060hPa
Transport and storage conditions	
Relative humidity	20% - 90%
Temperature	-20°C - +50°C
Atmospheric pressure	700hPa - 1060hPa
Weight	Approx. 25kg
Dimensions (W x H x D)	557mm x 589mm x 489mm (open) 557mm x 297mm x 489mm (closed)
Pollution degree	PD2
IT Connection	USB
Historical data	Retrievable via UV SMART™ - log clearing after maintenance



To learn more visit
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DISCLAIMER

The information contained herein is meant to describe the use of the product(s) and is not intended to provide advice on medical procedures. UV Smart Technologies B.V. makes no representations or warranties whatsoever as to the accuracy, completeness, or suitability for the purpose of the information/training. Products and specific indications might be unavailable in certain markets, given that product availability is subject to regulatory approval (and/or medical practices in individual markets). The healthcare provider is responsible for the clinical implementation of UV SMART™ products. The instructions for use and accepted medical guidelines should always be checked prior to the application of UV SMART™ products.

Important information: Prior to use, refer to the complete instructions for use supplied with the device(s) for proper use, indications, contraindications, warnings and precautions.

This guide is not intended to replace the Instructions for Use (IFU). Prior to use, read and follow the full IFU as the featured steps may not include the complete steps of the procedure. Individual surgeon preference and experience, as well as patient needs, should always dictate variation in procedure steps.

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