UV Smart

D60

High-level disinfection of channel-less endoscopes and TEE probes in 60 seconds



UVsmart

The D60 adapts to your healthcare setting

Easy to use, the D60 has an intuitive interface and gives clear feedback to the user.

Place the D60

- On the ward
- In the clinic
- In the central sterile services department

How to Use the D60



Start of the process

Pre-clean your equipment and perform a leak test.



Scanning

Scan your ID and the equipment for traceability.



Placement

Place the equipment in the D60 and close the door.



Disinfection

Wait 60 seconds for the D60 to finish the cycle.



Scanning

Scan your ID to unlock the door.



Hand disinfection

Disinfect your hands.



Disinfection successful

Take out the ready-to-use equipment.



D60 Technical Specifications

Product name (brand name)	D60 (UV Smart)
Type of unit	D60 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	110-120VAC/220-240VAC (+/- 10%), OVC II
Frequency	50/60Hz
Amperage rating	10A/5A
Max. power rating	650W
Wavelength	253.7nm
Accessible fuse value	4A time-lag fuse (ø5×20mm) X 2 220-240V: 5A time-lag fuse (ø5×20mm) X 2 110-120V: 10A time-lag fuse (ø5×20mm) X 2
EMC*	IEC/EN 61326-1/61000-3/4 (A1, CISPR 11)
Product lifetime	10 years

Operating conditions

Relative humidity	5% - 90% (without condensation)
Temperature	0°C - +40°C
Atmospheric pressure	800hPa - 1060hPa

Transport and storage conditions

Relative humidity	5% - 90% (without condensation)
Temperature	-20°C - +45°C
Atmospheric pressure	700hPa - 1060hPa
Weight	Approx. 100kg
Dimensions (WxHxD)	861mm x 2033mm x473mm (closed)
IT connection type	Ethernet Cable
Track & Trace	Retrievable via UV Soft and D60 internal memory
Technical inspection (service/maintenance)	Every 12 months

**UV Smart D60 is in transition from the IEC/EN 60601, always check the documentation delivered with the device what norm it complies to. Please contact UV Smart if you questions regarding this transition.*

Q: Can I disinfect Gastrointestinal endoscopes in the D60?

A: Since Gastrointestinal endoscopes have working channels, they cannot be disinfected in the D60. The D60 is only intended for endoscopes and probes without working channel, because the D60 only disinfects outer surfaces.

Q: Does the D60 require special installation or connections?

A: No, the D60 only requires a 110V/220V power socket to be used. In case the D60 is connected to the facility's intranet for additional traceability, an ethernet cable is required.

Q: Do more than one endoscope fit in the D60 during disinfection?

A: No, to make sure the endoscopes are disinfected properly, only 1 endoscope can be disinfected at a time. Due to the 60 second disinfection cycle, this hardly impacts the turnaround time and is ideal for pre-cleaning the next endoscope.

Q: Does the D60 affect the endoscope/probe?

A: Extensive material studies have been performed on a wide variety of endoscopes and probes, showing no deterioration with disinfection in the D60. The lens quality even proved to remain better compared to chemicals and washer disinfectors. The only noticeable side-effect is a slight discoloration of white/light-colored plastics, without affecting any other structural material properties.

Q: Can I disinfect rigid endoscopes in the D60?

A: Yes, channel-less rigid endoscopes can be disinfected in the D60.

Q: Do I need to pre-clean the endoscope?

A: Yes, pre-cleaning must be done before disinfecting the endoscope in the D60. A damp cloth with water suffices to remove any soil from the endoscope.