



A new light on *disinfection*

RAPID DISINFECTION OF ENDOSCOPES & PROBES

High Level Disinfection (log-6) of invasive probes and channelless endoscopes in just 1 minute. With UV Smart's Impelux™ technology based on UV light, all pathogens (microbacteria, viruses, yeasts and fungi) are reduced with 99,9999%.

Validated disinfection

Controlled process for a consistent and verified result, validated by optical sensors.

Environmentally friendly

Medical equipment and products are disinfected without any use of harmful chemicals or liquids.

Fast cycle

The Impelux™ technology ensures safe, consistent and repeatable disinfection in 60 sec.

Non-damaging to materials

The unique bandwidth of the Impelux™ technology does not damage any materials.

Turnaround time

Turnaround time reduced to 5 minutes, lowering the inventory of endoscopes or probes.

Administrated

Fully compliant with European standards and saves necessary data for health inspection.

APPLICATIONS *(BUT NOT LIMITED TO)*

Flexible (Rhino) Laryngoscopes

Trans Esophageal Echocardiography (TEE) probes

Transvaginal ultrasound probes

Transrectal ultrasound probes



CLINICAL EVIDENCE

Results

Tests and pilots in clinical environments are in progress. First preliminary results are very promising and show a high level disinfection. The UV Smart Impelux™ technology proved to be effective against: Bacillus Subtilis, Mycobacteria avium, S. Aureus, P. Aeruginosa, E. Coli, K. Pneumoniae in a laboratory environment. The UV Smart D60 works according to the required ISO-standards and is compliant with NEN-EN-ISO 15883-1 & -4: Washer Disinfectors.

Technology proven with

Spaarne  Gasthuis

Radboudumc



umcg

USAGE

Start of process



STEP 1

Scan endoscope or probe to comply and store necessary data



STEP 2

Pre-clean endoscope or probe manually with SmartWipes™



STEP 3

Place endoscope or probe in the D60 and close the door



STEP 4

Disinfect hands and wait 60 seconds for the D60 to finish the disinfection



STEP 5

Open door and take out ready for use endoscope or probe

Disinfection successful

SPECIFICATIONS

Outer dimensions (lxwxh)	400x530x2000 mm	Reduction	Log-6 (99,9999%)
Chamber dimensions (dxwxh)	330x540x1850 mm	Standards	NEN-EN 15883-1 & -4: Washer Disinfectors
Disinfection time	60 seconds	Clinically proven by	Radboud UMC, Streeklab Haarlem & UMC Groningen
Effective against	All pathogens (microbacteria, viruses, yeasts and fungi)	Medical device type	Class IIb



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