



UVC/T-AR, DNA/RNA UV-cleaner box



DESCRIPTION

DNA/RNA UV-cleaner box**UVC/T-AR** is designed for clean operations with DNA samples. UV-cleaner box provide protection against contamination.

Model is a bench-top type, made of metal framework, plexiglas walls and working surface painted with powder enamel.

UV-cleaner boxes are equipped with an open UV lamp installed in the upper hood. UV-radiation from the open lamps disinfects the working area inactivating DNA/RNA fragments during 15–30 min of exposure. A digital timer controls duration of the direct UV irradiation. A daylight lamp provides proper illumination of the working surface.

UV-cleaner boxes are equipped with a flow-type bactericidal UV cleaner–recirculator AR, which provides constant decontamination inside the box during operation. They are recommended for operations with DNA/RNA amplicons.

UV cleaner—recirculator AR consists of a UV lamp, a fan and dust filters organized in a special body so that a user working with a UV-cleaner box is protected against UV light. Recirculator increases the maximum density of UV light making it sufficiently effective for DNA/RNA inactivation. The UV—recirculator processes 100 UV-cleaner box volumes per hour, creating permanent aseptic conditions of operation inside the UV-cleaner box.

Specially assigned moving tables T-4 (with wheel locks) with a drawer are available on request.

Advantages of Biosan UV-cleaner boxes:

- Ozone free high density UV decontamination
- Long living UV lamps (9,000 hours average)
- Automatic switch off of UV-lamps when the protective screen is opened
- Bactericidal flow-type recirculator providing permanent decontamination inside UV-cleaner box during operation
- Low noise, low energy consumption
- Tables for installation of UV-cleaner boxes
- UV-cleaner boxes with the bactericidal UV cleaner—recirculator AR is the patented Biosan solution



CAT. NUMBER

BS-040102-AAA	100-240VAC 50/60Hz Euro plug	
BS-040102-AAB	100-240VAC 50/60Hz UK plug	
BS-040102-AAC	100-240VAC 50/60Hz US plug	
BS-040102-AA3	100-240VAC 50/60Hz AU plug	
BS-040102-AK	IQ OQ document	
BS-040102-BK	PQ document	
	Disassembled for compact transportation	
BS-040102-AA9	100-240VAC 50/60Hz Euro plug	
BS-040102-A10	100-240VAC 50/60Hz UK plug	
BS-040102-A11	100-240VAC 50/60Hz US plug	
BS-040102-A12	100-240VAC 50/60Hz AU plug	

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SPECIFICATIONS

Working surface material Steel with chemicals resistant powder coating Open UV-lamp 1 x 25W built-in bactericidal UV-C, TUV 25W 1SL/V UV radiation level 18 mW / cm2 / s Radiation type UV (λ = 253.7 nm), ozone-fir Digital time setting of direct UV exposure 1 min-24 hrs / non-stop (increment 1 m UV-recirculator 1x25W (efficiency >99% per 1 hou Daylight lamp (for working area illumination) 1 x TLD-15 Thickness of side panels 4 m Thickness of screen 8 m Optical transmission 92 UV protection >99.90% Polymethyl methacrylate ALTUGLAS Working area 645 × 490 m Opening dimensions (fully raised protective screen) 645 × 165 m Safety features Automatic open UV-lamp switch off when screen oper Power outlets inside the unit Inlet for power cor Overall dimensions (W×D×H) 720 × 535 × 555 m Weight (net / gross) 23 / 33 Power consumption 67 Nominal operating voltage 100-240 V, 50/60	JI ECII ICATIONS	
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Digital time setting of direct UV exposure 1 min-24 hrs / non-stop (increment 1 m UV-recirculator 1x25W (efficiency >99% per 1 hou 1xTLD-15 Thickness of side panels 1 min-24 hrs / non-stop (increment 1 m 1xTLD-15 Thickness of side panels 1 min-24 hrs / non-stop (increment 1 m 1xTLD-15 Thickness of side panels 4 m Thickness of side panels 8 m Optical transmission 92 UV protection Serven Opening dimensions (fully raised protective screen) Safety features Automatic open UV-lamp switch off when screen open Overall dimensions (W×D×H) T20 × 535 × 555 m Weight (net / gross) 23 / 33 Power consumption 67 Nominal operating voltage	UV radiation level	18 mW / cm2 / sec
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Safety features Automatic open UV-lamp switch off when screen open open open open open open open o	Working area	645 × 490 mm
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Overall dimensions (W×D×H) 720 × 535 × 555 m Weight (net / gross) 23 / 33 Power consumption 67 Nominal operating voltage 100-240 V, 50/60	Safety features	Automatic open UV-lamp switch off when screen is open
Weight (net / gross) 23 / 33 Power consumption 67 Nominal operating voltage 100-240 V, 50/60	Power outlets inside the unit	Inlet for power cords
Power consumption 67' Nominal operating voltage 100-240 V, 50/60	Overall dimensions (W×D×H)	720 × 535 × 555 mm
Nominal operating voltage 100-240 V, 50/60	Weight (net / gross)	23 / 33 kg
, , ,	Power consumption	67 W
Optional table T-4 (800 × 600 × 750 mr	Nominal operating voltage	100-240 V, 50/60Hz
	Optional table	T-4 (800 × 600 × 750 mm)

ACCESSORIES



T-4 BS-040101-BK Table

New modular design of laboratory furniture provides flexibility and ease of use.



LF-1 BS-050101-BK Drawer unit

New modular design of laboratory furniture provides flexibility and ease of use.



PDS-250 BS-040107-DK DNA/RNA Decontamination Solution

DNA/RNA Decontamination Solution.



PDS-10L BS-040107-FK DNA/RNA Decontamination Solution 10I

DNA/RNA Decontamination Solution.

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