

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



DESCRIPTION

DNA/RNA UV-cleaner box**UVC/T-M-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, glass walls, working surface made of stainless steel.

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
- Shockproof glass walls
- 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

| With built in socket and inlet for power cords | With built in socket and inlet for power cords |
|--|--|
| BS-040104-A06 | 100-240VAC 50/60Hz Euro socket, Euro plug |
| BS-040104-A07 | 100-240VAC 50/60Hz UK socket, UK plug |
| BS-040104-A08 | 100-240VAC 50/60Hz US socket, US plug |
| BS-040104-A24 | 100-240VAC 50/60Hz AU socket, AU plug |
| BS-040104-AK | IQ OQ document |
| BS-040104-BK | PQ document |
| | |

UVC/T-M-AR, DNA/RNA UV-cleaner box
Page 1 of 3

SPECIFICATIONS

| Rear: stainless steel Sides and front: glass (EUROGLASS, Germany) Stainless steel 1 x 25W built-in bactericidal UV-C, TUV 25W 1SL/25 18 mW / cm2 / sec UV (\lambda = 253.7 nm), ozone-free |
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| 1 x 25W built-in bactericidal UV-C, TUV 25W 1SL/25 |
| 18 mW / cm2 / sec |
| |
| UV (λ = 253.7 nm), ozone-free |
| |
| 1 min–24 hrs / non–stop (increment 1 min) |
| 1x25W (efficiency >99% per 1 hour) |
| 1 x TLD-15W |
| 4 mm |
| 8 mm |
| 4 mm |
| 95% |
| >96%, UV-protection film |
| 645 × 490 mm |
| 645 × 190 mm |
| Automatic open UV-lamp switch off when screen is open |
| nlet for power cords and 1x Built-in socket, max. 1000 W |
| 700 × 580 × 555 mm |
| 28.8 / 39 kg |
| 67 W |
| 100-240 V, 50/60Hz |
| T-4 (800 × 600 × 750 mm) |
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UVC/T-M-AR, DNA/RNA UV-cleaner box
Page 2 of 3



F-1 BS-040104-DK shelf

F-1, shelf



P-5 BS-040104-CK shelf for pipettes

P-5, shelf for pipettes



I-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 10l

DNA/RNA Decontamination Solution.