

PDS-10L, DNA/RNA Decontamination Solution 10l

DESCRIPTION

Contamination is especially problematic in the highly sensitive PCR technique. Originating from aerosolized fragments, contaminant DNA can lead to cross contamination thus resulting in inaccurate data and as a result misinterpreted analysis.

PDS-250 decontamination solution now available in 10 l containers -PDS-10L. Use it to conveniently refill your PDS-250 spray bottles.

PDS is ready-to-use solution for eliminating DNA, RNA from surface prior PCR reaction preparation. DNA/RNA is removed within seconds after use. The solution contains a non-alkaline and non-carcinogenic agent. PDS is intended for use at PCR cabinets and laminars (e.g. UVT-S-AR), lab devices -Biomagpure 12, TS-100, pipettors -Assist series piettes, etc.

PDS is effective against amplicon, plasmid, or genomic DNA and RNA from most surfaces with the exception of light or non-ferrous metals (e.g. aluminium, copper, lead, nickel, tin, titanium, zinc etc.).

PDS is ready-to-use for eliminating DNA and RNA from suitable surfaces. Fast and easy decontamination; The use of PDS both before and after PCR analysis is fast, easy and ideal to maintain a clean work area and thereby saves time and expenses.

PDS is heat resistant and stable for several years

Recommended Use: Applicable in research and industry only. Not recommended for clinical applications. Use as directed. PDS should be applied on glass, ceramic, plastic, rubber, steel and precious metal. PDS cannot be used for the cleaning of light or non-ferrous metals. To avoid damage or discoloration, it is recommended to spot test sensitive surfaces prior to use.

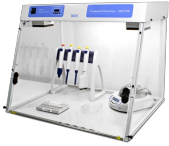
SPECIFICATIONS

Volume	10 l
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CAT. NUMBER

BS-040107-FK	PDS-10L, DNA/RNA Decontamination Solution, 10 L
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UVC/T-AR

BS-040102-AAA

DNA/RNA UV-cleaner box

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 ...

[read more](#)



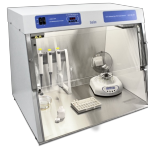
UVC/T-M-AR

With built in socket and inlet for power cords
DNA/RNA UV-cleaner box

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 ...

[read more](#)



UVT-B-AR

With built in socket and inlet for power cords
DNA/RNA UV-cleaner box

DNA/RNA UV-cleaner box
UVT-B-AR is designed for clean operations with DNA samples. UV-Cabinet provide protection against contamination.

Model is a bench-top type, made of metal framework, working surface made of ...

[read more](#)



UVT-S-AR

BS-040107-AAA

DNA/RNA UV-cleaner box

DNA/RNA UV-cleaner box
UVT-S-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 ...

[read more](#)



PDS-250

BS-040107-DK

DNA/RNA Decontamination Solution

DNA/RNA Decontamination Solution.

PDS-250, DNA/RNA Decontamination Solution, Spray, 250 ml

DESCRIPTION

Contamination is especially problematic in the highly sensitive PCR technique. Originating from aerosolized fragments, contaminant DNA can lead to cross contamination thus resulting in inaccurate data and as a result misinterpreted analysis.

PDS-250 is ready-to-use solution for eliminating DNA, RNA from surface prior PCR reaction preparation. DNA/RNA is removed within seconds after use. The solution contains a non-alkaline and non-carcinogenic agent. PDS-250 is intended for use at PCR cabinets and laminars (e.g. **UVT-S-AR**), lab devices - **Biomagpure 12**, **TS-100**, pipettors - **Assist series** pippettes, etc.

PDS-250 is effective against amplicon, plasmid, or genomic DNA and RNA from most surfaces with the exception of light or non-ferrous metals (e.g. aluminium, copper, lead, nickel, tin, titanium, zinc etc.).

PDS-250 is ready-to-use for eliminating DNA and RNA from suitable surfaces. Fast and easy decontamination; The use of PDS-250 both before and after PCR analysis is fast, easy and ideal to maintain a clean work area and thereby saves time and expenses.

PDS-250 is heat resistant and stable for several years

Recommended Use: Applicable in research and industry only. Not recommended for clinical applications. Use as directed. PDS-250 should be applied on glass, ceramic, plastic, rubber, steel and precious metal. PDS-250 cannot be used for the cleaning of light or non-ferrous metals. To avoid damage or discoloration, it is recommended to spot test sensitive surfaces prior to use.



CAT. NUMBER

BS-040107-DK

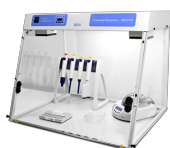
PDS-250, ready-to-go formulation in a spray bottle, 250ml

SPECIFICATIONS

Volume

250 ml

ACCESSORIES



UVC/T-AR

BS-040102-AAA

DNA/RNA UV-cleaner box

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 ...

[read more](#)



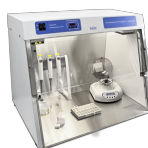
UVC/T-M-AR

With built in socket and inlet for power cords
DNA/RNA UV-cleaner box

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 ...

[read more](#)



UVT-B-AR

With built in socket and inlet for power cords
DNA/RNA UV-cleaner box

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

Model is a bench-top type, made of metal framework, working surface made of ...

[read more](#)



UVT-S-AR

BS-040107-AAA

DNA/RNA UV-cleaner box

DNA/RNA UV-cleaner box **UVT-S-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 ...

[read more](#)



PDS-10L

BS-040107-FK

DNA/RNA Decontamination Solution 10l

DNA/RNA Decontamination Solution.

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

SPECIFICATIONS

Walls material	Plexiglas: Polymethyl methacrylate ALTUGLAS EX
Working surface material	Steel with chemicals resistant powder coating
Open UV-lamp	1 x 25W built-in bactericidal UV-C, TUV 25W 1SL/25
UV radiation level	18 mW / cm ² / sec
Radiation type	UV ($\lambda = 253.7$ nm), ozone-free
Digital time setting of direct UV exposure	1 min–24 hrs / non–stop (increment 1 min)
UV-recirculator	1x25W (efficiency >99% per 1 hour)
Daylight lamp (for working area illumination)	1 x TLD-15W
Thickness of side panels	4 mm
Thickness of upper front panel	8 mm
Thickness of screen	8 mm
Optical transmission	92%
UV protection	>99.90% Polymethyl methacrylate ALTUGLAS EX
Working area	645 × 490 mm
Opening dimensions (fully raised protective screen)	645 × 165 mm
Safety features	Automatic open UV-lamp switch off when screen is open
Power outlets inside the unit	Inlet for power cords
Overall dimensions (W×D×H)	720 × 535 × 555 mm
Weight (net / gross)	23 / 33 kg
Power consumption	67 W
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 10l
DNA/RNA Decontamination
Solution.

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

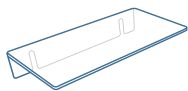


CAT. NUMBER

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

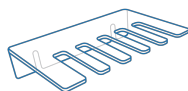
SPECIFICATIONS

Walls material	Rear: stainless steel Sides and front: glass (EUROGLASS, Germany)
Working surface material	Stainless steel
Open UV-lamp	1 x 25W built-in bactericidal UV-C, TUV 25W 1SL/25
UV radiation level	18 mW / cm ² / sec
Radiation type	UV ($\lambda = 253.7$ nm), ozone-free
Digital time setting of direct UV exposure	1 min–24 hrs / non–stop (increment 1 min)
UV-recirculator	1x25W (efficiency >99% per 1 hour)
Daylight lamp (for working area illumination)	1 x TLD-15W
Thickness of side panels	4 mm
Thickness of upper front panel	8 mm
Thickness of screen	4 mm
Optical transmission	95%
UV protection	>96%, UV-protection film
Working area	645 × 490 mm
Opening dimensions (fully raised protective screen)	645 × 190 mm
Safety features	Automatic open UV-lamp switch off when screen is open
Power outlets inside the unit	Inlet for power cords and 1x Built-in socket, max. 1000 W
Overall dimensions (W×D×H)	700 × 580 × 555 mm
Weight (net / gross)	28.8 / 39 kg
Power consumption	67 W
Nominal operating voltage	100-240 V, 50/60Hz
Optional table	T-4 (800 × 600 × 750 mm)



F-1
BS-040104-DK
shelf

F-1, shelf



P-5
BS-040104-CK
shelf for pipettes

P-5, shelf for pipettes



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 10l

DNA/RNA Decontamination
Solution.

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

SPECIFICATIONS

Walls material	Plexiglas: Polymethyl methacrylate ALTUGLAS EX
Working surface material	Steel with chemicals resistant powder coating
Open UV-lamp	1 x 25W built-in bactericidal UV-C, TUV 25W 1SL/25
UV radiation level	18 mW / cm ² / sec
Radiation type	UV ($\lambda = 253.7$ nm), ozone-free
Digital time setting of direct UV exposure	1 min–24 hrs / non–stop (increment 1 min)
UV-recirculator	1x25W (efficiency >99% per 1 hour)
Daylight lamp (for working area illumination)	1 x TLD-15W
Thickness of side panels	4 mm
Thickness of upper front panel	8 mm
Thickness of screen	8 mm
Optical transmission	92%
UV protection	>99.90% Polymethyl methacrylate ALTUGLAS EX
Working area	645 × 490 mm
Opening dimensions (fully raised protective screen)	645 × 165 mm
Safety features	Automatic open UV-lamp switch off when screen is open
Power outlets inside the unit	Inlet for power cords
Overall dimensions (W×D×H)	720 × 535 × 555 mm
Weight (net / gross)	23 / 33 kg
Power consumption	67 W
Nominal operating voltage	100-240 V, 50/60Hz
Optional table	T-4 (800 × 600 × 770 mm)



LT-120
BS-040107-EK
Height adjustable desk

Height adjustable desk
<-> 120 cm



LT-150
BS-040107-JK
Height adjustable desk

Height adjustable desk
<-> 150 cm



LT-180
BS-040107-HK
Height adjustable desk

Height adjustable desk
<-> 180 cm



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 10l

DNA/RNA Decontamination
Solution.

UVC/T-AR, PCR cabinet

DESCRIPTION

The Biosan **UVC/T-AR** is a benchtop DNA/RNA UV-cleaner workstation designed to create a clean, contamination-free environment for PCR setup and other nucleic acid-related workflows.

This model features a dual UV decontamination system: an open 254 nm UV-C lamp for surface and air disinfection, inactivating DNA/RNA contaminants, viruses, and bacteria within 15–30 minutes, and a patented UV air recirculator for continuous internal air irradiation. The recirculator processes the entire cabinet volume approximately 100 times per hour, ensuring clean working conditions without exposing users to UV light.

A touchscreen digital control panel simplifies operation by allowing intuitive programming of UV exposure cycles and real-time monitoring of lamp life. An energy-efficient 8W LED daylight lamp delivers bright workspace illumination while reducing energy consumption by ~50% compared to traditional fluorescent lighting.

Transparent panels increase user comfort by improving visibility inside the cabinet.

Key Features:

- High-intensity, ozone-free UV sterilization: 25 W UV-C lamp (253.7 nm) with ~9,000 h lifespan
- Patented UV air recirculatory: processes 20 m³/h for continuous internal decontamination
- Reliable safety control: automatic UV shut-off when the protective screen is opened
- UV-blocking panels: >99.9% UV protection ensures operator safety
- Ergonomic, durable design: metal frame and UV-resistant materials
- Transparent walls: for enhanced visibility and user comfort
- Digital touchscreen interface: for timer control, lamp status, and maintenance alerts
- Cable inlet: for operating small lab equipment inside
- Low noise, low energy consumption: quiet fan system and efficient operation
- Compatible with mobile T-4 tables with locking wheels and integrated drawer as well as with LT-120, LT-150, LT-180 height adjustable desks.



CAT. NUMBER

BS-040102-A13	100-240VAC 50/60Hz Euro plug
BS-040102-A14	100-240VAC 50/60Hz UK plug
BS-040102-A16	100-240VAC 50/60Hz US plug
BS-040102-A15	100-240VAC 50/60Hz AU plug

SPECIFICATIONS

Digital display & Lamp life timer	+
Display	3.5", medical glove compatible
Walls material	Plexiglas: Polymethyl methacrylate ALTUGLAS EX
Working surface material	Steel with chemicals resistant powder coating
Open UV-lamp	1 x 25W built-in bactericidal UV-C, TUV 25W 1SL/25
UV radiation level	18 mW / cm ² / sec
Radiation type	UV ($\lambda = 253.7$ nm), ozone-free
Digital time setting of direct UV exposure	1 min–24 hrs / non–stop (increment 1 min)
UV-recirculator	1x25W (efficiency >99% per 1 hour)
Daylight lamp (for working area illumination)	1 x LED-8W
Thickness of side panels	4 mm
Thickness of upper front panel	8 mm
Thickness of screen	8 mm
Optical transmission	92%
UV protection	>99.90% Polymethyl methacrylate ALTUGLAS EX
Working area	645 × 490 mm
Opening dimensions (fully raised protective screen)	645 × 165 mm
Safety features	Automatic open UV-lamp switch off when screen is open
Power outlets inside the unit	Inlet for power cords
Overall dimensions (W×D×H)	720 × 535 × 555 mm
Weight (net / gross)	21.4 / 30 kg
Power consumption	64 W
Nominal operating voltage	100-240 V, 50/60Hz
Optional table	T-4 (800 × 600 × 770 mm)



LT-120
BS-040107-EK
Height adjustable desk

Height adjustable desk
<-> 120 cm



LT-150
BS-040107-JK
Height adjustable desk

Height adjustable desk
<-> 150 cm



LT-180
BS-040107-HK
Height adjustable desk

Height adjustable desk
<-> 180 cm



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 10l

DNA/RNA Decontamination
Solution.

UVC/T-M-AR, PCR cabinet

DESCRIPTION

The Biosan **UVC/T-M-AR** is a benchtop DNA/RNA UV-cleaner workstation designed to create a clean, contamination-free environment for PCR setup and other nucleic acid-related workflows.

This model features a dual UV decontamination system: an open 254 nm UV-C lamp for surface and air disinfection, inactivating DNA/RNA contaminants, viruses, and bacteria within 15–30 minutes, and a patented UV air recirculator for continuous internal air irradiation. The recirculator processes the entire cabinet volume approximately 100 times per hour, ensuring clean working conditions without exposing users to UV light.

A touchscreen digital control panel simplifies operation by allowing intuitive programming of UV exposure cycles and real-time monitoring of lamp life. An energy-efficient 8W LED daylight lamp delivers bright workspace illumination while reducing energy consumption by ~50% compared to traditional fluorescent lighting.

Transparent glass side panels increase user comfort by improving visibility inside the cabinet.

Key Features:

- High-intensity, ozone-free UV sterilization: 25 W UV-C lamp (253.7 nm) with ~9,000 h lifespan
- Patented UV air recirculatory: processes 20 m³/h for continuous internal decontamination
- Reliable safety control: automatic UV shut-off when the protective screen is opened
- UV-blocking panels: >96% UV protection ensures operator safety
- Ergonomic, durable design: metal frame, stainless-steel interior, and UV-resistant materials
- Transparent glass side walls: for enhanced visibility and user comfort
- Digital touchscreen interface: for timer control, lamp status, and maintenance alerts
- Built-in power socket and cable inlet: for operating small lab equipment inside
- Low noise, low energy consumption: quiet fan system and efficient operation
- Compatible with mobile T-4 tables with locking wheels and integrated drawer as well as with LT-120, LT-150, LT-180 height adjustable desks.



CAT. NUMBER

With built in socket and inlet for power cords		With built in socket and inlet for power cords
BS-040104-A30		100-240VAC 50/60Hz Euro socket, Euro plug
BS-040104-A31		100-240VAC 50/60Hz UK socket, UK plug
BS-040104-A32		100-240VAC 50/60Hz US socket, US plug
BS-040104-A33		100-240VAC 50/60Hz AU socket, AU plug

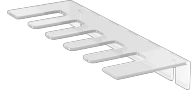
SPECIFICATIONS

Digital display & Lamp life timer	+
Display	3.5", medical glove compatible
Walls material	Rear: stainless steel Sides and front: glass (EUROGLASS, Germany)
Working surface material	Stainless steel
Open UV-lamp	1 x 25W built-in bactericidal UV-C, TUV 25W 1SL/25
UV radiation level	18 mW / cm ² / sec
Radiation type	UV ($\lambda = 253.7$ nm), ozone-free
Digital time setting of direct UV exposure	1 min–24 hrs / non–stop (increment 1 min)
UV-recirculator	1x25W (efficiency >99% per 1 hour)
Daylight lamp (for working area illumination)	1 x LED-8W
Thickness of side panels	4 mm
Thickness of upper front panel	8 mm
Thickness of screen	4 mm
Optical transmission	95%
UV protection	>96%, UV-protection film
Working area	645 × 490 mm
Opening dimensions (fully raised protective screen)	645 × 190 mm
Safety features	Automatic open UV-lamp switch off when screen is open
Power outlets inside the unit	Inlet for power cords and 1x Built-in socket, max. 1000 W
Overall dimensions (W×D×H)	700 × 580 × 555 mm
Weight (net / gross)	27.4 / 36 kg
Power consumption	64 W
Nominal operating voltage	100-240 V, 50/60Hz
Optional table	T-4 (800 × 600 × 770 mm)



F-1
BS-040104-DK
shelf

F-1, shelf



P-5
BS-040104-CK
shelf for pipettes

P-5, shelf for pipettes



LT-120
BS-040107-EK
Height adjustable desk

Height adjustable desk
<-> 120 cm



LT-150
BS-040107-JK
Height adjustable desk

Height adjustable desk
<-> 150 cm



LT-180
BS-040107-HK
Height adjustable desk

Height adjustable desk
<-> 180 cm



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 10l

DNA/RNA Decontamination
Solution.

UVR-M, UV Cleaner–Recirculator

DESCRIPTION

How does UV-Air Flow Cleaner-Recirculator work?

Operation principle is based on a constant, forced air circulation through recirculator's chamber in close vicinity to UV lamps, thus ensuring maximal efficiency of disinfection. The inner mirror surface of recirculator chamber reflects ultraviolet rays thereby increasing the density of UV radiation and enhancing the disinfection effect.

What does UV Air Flow Cleaner-Recirculator consist of?

UV Air Flow Cleaner-Recirculator consists of a germicidal UV lamp, a fan unit equipped with dust filters and a control unit, confined in a flowthrough chamber.

What are the Benefits of UVR-M recirculators?

- UV Air Recirculators are ideal for air disinfection in hospitals (especially in outpatient departments, operating rooms, emergency rooms, delivery rooms etc.), kindergartens, research laboratories, veterinary clinics
- Recirculators are effective against common airborne diseases by disinfecting the air and efficiently destroying disease-causing agents (viruses, microorganisms) by UV radiation
- Provide complete protection from UV radiation
- Easy to install, operate and maintain. Very low noise level

Recirculator fixation:

- Convenient fixation on walls (standard)
- Mounting on a movable stand (optional)

SPECIFICATIONS

UV radiation source:	1 lamp - 25W, Bactericidal UV-C, TUV 25W 1SL/25
UV radiation level	18 mW / cm ² / sec
Radiation type	UV (λ = 253.7 nm), ozone-free
Air-flow productivity	21 m ³ /hour
Full user protection from direct UV light	+
UV lamp operation indicator	+
Lamp service life	9000 h
Overall dimensions (W×D×H)	110 x 130 x 660 mm
Weight	2.7 kg
Power consumption (230V / 120 V)	125 W (0.54 A) / 160 W (1.3 A)
Nominal operating voltage	230 V, 50 Hz or 120 V, 60 Hz
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Tripod UVR-S dimensions	510 x 510 x ~1100 mm



CAT. NUMBER

BS-040105-AAA	230VAC 50/60Hz Euro plug
BS-040105-AAB	230VAC 50/60Hz UK plug
BS-040105-AA3	230VAC 50/60Hz AU plug
BS-040105-AAC	120VAC 60Hz US plug
BS-040105-BK	IQ OQ document
BS-040105-CK	PQ document

ACCESSORIES



UVR-S
BS-040105-AK
stand

UVR-Mi, UV Cleaner–Recirculator

DESCRIPTION

How does UV-Air Flow Cleaner-Recirculator work?

Operation principle is based on a constant, forced air circulation through recirculator's chamber in close vicinity to UV lamps, thus ensuring maximal efficiency of disinfection. The inner mirror surface of recirculator chamber reflects ultraviolet rays thereby increasing the density of UV radiation and enhancing the disinfection effect.

What does UV Air Flow Cleaner-Recirculator consist of?

UV Air Flow Cleaner-Recirculator consists of a germicidal UV lamps, a fan unit equipped with dust filters and a control unit, confined in a flowthrough chamber.

What are the Benefits of UVR-Mi recirculators?

- UV Air Recirculators are ideal for air disinfection in hospitals (especially in outpatient departments, operating rooms, emergency rooms, delivery rooms etc.), kindergartens, research laboratories, veterinary clinics
- Recirculators are effective against common airborne diseases by disinfecting the air and efficiently destroying disease-causing agents (viruses, microorganisms) by UV radiation
- **UVR-Mi** is the more powerful model of UV air flow cleaner with two UV-lamps
- Provide complete protection from UV radiation
- Easy to install, operate and maintain. Very low noise level
- Built-in timer allows to control the UV lamp operating time
- Digital control unit allows to track overall UV lamp operating time

Recirculator fixation:

- Convenient fixation on walls (standard)
- Mounting on a movable stand (optional)



CAT. NUMBER

BS-040110-AAA	230VAC 50/60Hz Euro plug
BS-040110-AAB	230VAC 50/60Hz UK plug
BS-040110-AA3	230VAC 50/60Hz AU plug
please, inquire	100VAC 50/60Hz US plug
BS-040110-AK	IQ OQ document
BS-040110-BK	PQ document

SPECIFICATIONS

UV radiation source:	2 lamps - 25W, Bactericidal UV-C, TUV 25W 1SL/25
UV radiation level	36 mW / cm ² / s
Radiation type	UV (λ = 253.7 nm), ozone-free
Air-flow productivity	29 m ³ /hour
Full user protection from direct UV light	+
UV lamp operation indicator	+
Lamp service life	9000 h
Display	LCD
UV lamp lifetime counter	+
Timer	1 min–24 hrs / non–stop
Automatic switch ON/OFF	+
Lamp fault detection	+
Overall dimensions (W×D×H)	110 x 130 x 660 mm
Weight	2.4 kg
Power consumption (230V / 120 V)	110 W (0.5 A)
Nominal operating voltage	230 V, 50 Hz
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Tripod UVR-S dimensions	510 x 510 x ~1100 mm

ACCESSORIES



UVR-S
BS-040105-AK
stand

UVT-B-AR, DNA/RNA UV-cleaner box

DESCRIPTION

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

Model is a bench-top type, made of metal framework, 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 cabinet 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–cabinet 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

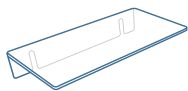


CAT. NUMBER

With built in socket and inlet for power cords	With built in socket and inlet for power cords
BS-040109-A06	100-240VAC 50/60Hz Euro socket, Euro plug
BS-040109-A07	100-240VAC 50/60Hz UK socket, UK plug
BS-040109-A08	100-240VAC 50/60Hz US socket, US plug
BS-040109-A24	100-240VAC 50/60Hz AU socket, AU plug
BS-040109-AK	IQ OQ document
BS-040109-BK	PQ document

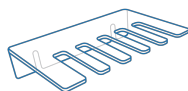
SPECIFICATIONS

Walls material	Rear: stainless steel, Sides: steel with chemical resistant powder coating Front: glass (EUROGLASS, Germany)
Working surface material	Stainless steel
Open UV-lamp	1 x 25W built-in bactericidal UV-C, TUV 25W 1SL/25
UV radiation level	18 mW / cm ² / sec
Radiation type	UV ($\lambda = 253.7$ nm), ozone-free
Digital time setting of direct UV exposure	1 min–24 hrs / non–stop (increment 1 min)
UV-recirculator	1x25W (efficiency >99% per 1 hour)
Daylight lamp (for working area illumination)	1 x TLD-15W
Thickness of side panels	2 mm
Thickness of upper front panel	8 mm
Thickness of screen	4 mm
Optical transmission	95%
UV protection	>96%, UV-protection film
Working area	645 × 490 mm
Opening dimensions (fully raised protective screen)	645 × 190 mm
Safety features	Automatic open UV-lamp switch off when screen is open
Power outlets inside the unit	Inlet for power cords and 1x Built-in socket, max. 1000 W
Overall dimensions (W×D×H)	700 × 580 × 555 mm
Weight (net / gross)	31.2 / 42 kg
Power consumption	67 W
Nominal operating voltage	100-240 V, 50/60Hz
Optional table	T-4 (800 × 600 × 750 mm)



F-1
BS-040104-DK
shelf

F-1, shelf



P-5
BS-040104-CK
shelf for pipettes

P-5, shelf for pipettes



T-4
BS-040101-BK
Table

New modular design of
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LF-1
BS-050101-BK
Drawer unit

New modular design of
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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.

UVT-S-AR, DNA/RNA UV-cleaner box

DESCRIPTION

DNA/RNA UV-cleaner box **UVT-S-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-4L** (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

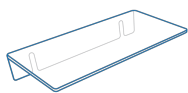


CAT. NUMBER

BS-040107-AAA	100-240VAC 50/60Hz Euro socket, Euro plug
BS-040107-AAB	100-240VAC 50/60Hz UK socket, UK plug
BS-040107-AA7	100-240VAC 50/60Hz US socket, US plug
BS-040107-A04	100-240VAC 50/60Hz AU socket, AU plug
BS-040107-AK	IQ OQ document
BS-040107-CK	PQ document

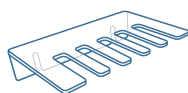
SPECIFICATIONS

Walls material	Rear: stainless steel Sides and front: glass (EUROGLASS, Germany)
Working surface material	Stainless steel
Open UV-lamp	2x30W built-in bactericidal UV-C, TUV 30W 1SL/25
UV radiation level	18 mW / cm ² / sec
Radiation type	UV ($\lambda = 253.7$ nm), ozone-free
Digital time setting of direct UV exposure	1 min–24 hrs / non–stop (increment 1 min)
UV-recirculator	1 x 30W (efficiency >99% per 1 hour)
Daylight lamp (for working area illumination)	1 x TLD-30W
Thickness of side panels	4 mm
Thickness of upper front panel	8 mm
Thickness of screen	5 mm
Optical transmission	95%
UV protection	>96%, UV-protection film
Working area	1210 × 500 mm
Opening dimensions (fully raised protective screen)	1210 × 190 mm
Safety features	Automatic open UV-lamp switch off when screen is open
Power outlets inside the unit	3 Built-in sockets max. 1000 W and inlet for power cords
Overall dimensions (W×D×H)	1250 × 600 × 590 mm
Weight (net / gross)	58 / 68.5 kg
Power consumption	135 W
Nominal operating voltage	100-240 V, 50/60Hz
Optional table	T-4L (1290 × 600 × 770 mm)
Optional drawer unit	LF-1 (300 × 450 × 705 mm)



F-1
BS-040104-DK
shelf

F-1, shelf



P-5
BS-040104-CK
shelf for pipettes

P-5, shelf for pipettes



T-4L
BS-040107-BK
Table

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BS-050101-BK
Drawer unit

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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.

UVT-S-AR, PCR cabinet

DESCRIPTION

The Biosan **UVT-S-AR** is a benchtop DNA/RNA UV-cleaner workstation designed to create a clean, contamination-free environment for PCR setup and other nucleic acid-related workflows.

This model features a dual UV decontamination system: an open 254 nm UV-C lamp for surface and air disinfection, inactivating DNA/RNA contaminants, viruses, and bacteria within 15–30 minutes, and a patented UV air recirculator for continuous internal air irradiation. The recirculator processes the entire cabinet volume approximately 100 times per hour, ensuring clean working conditions without exposing users to UV light.

A touchscreen digital control panel simplifies operation by allowing intuitive programming of UV exposure cycles and real-time monitoring of lamp life. An energy-efficient 12W LED daylight lamp delivers bright workspace illumination while reducing energy consumption by ~50% compared to traditional fluorescent lighting.

Transparent glass side panels increase user comfort by improving visibility inside the cabinet.

Key Features:

- High-intensity, ozone-free UV sterilization: 25 W UV-C lamp (253.7 nm) with ~9,000 h lifespan
- Patented UV air recirculatory: processes 20 m³/h for continuous internal decontamination
- Reliable safety control: automatic UV shut-off when the protective screen is opened
- UV-blocking panels: >96% UV protection ensures operator safety
- Ergonomic, durable design: metal frame, stainless-steel interior, and UV-resistant materials
- Transparent glass side walls: for enhanced visibility and user comfort
- Digital touchscreen interface: for timer control, lamp status, and maintenance alerts
- Built-in power socket and cable inlet: for operating small lab equipment inside
- Low noise, low energy consumption: quiet fan system and efficient operation
- Compatible with mobile T-4L tables with locking wheels and integrated drawer as well as with LT-150, LT-180 height adjustable desks.



CAT. NUMBER

BS-040107-A07	100-240VAC 50/60Hz Euro socket, Euro plug
BS-040107-A08	100-240VAC 50/60Hz UK socket, UK plug
BS-040107-A10	100-240VAC 50/60Hz US socket, US plug
BS-040107-A11	100-240VAC 50/60Hz AU socket, AU plug

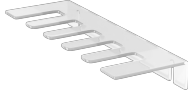
SPECIFICATIONS

Digital display & Lamp life timer	+
Display	3.5", medical glove compatible
Walls material	Rear: stainless steel Sides and front: glass (EUROGLASS, Germany)
Working surface material	Stainless steel
Open UV-lamp	2x30W built-in bactericidal UV-C, TUV 30W 1SL/25
UV radiation level	18 mW / cm ² / sec
Radiation type	UV ($\lambda = 253.7$ nm), ozone-free
Digital time setting of direct UV exposure	1 min–24 hrs / non–stop (increment 1 min)
UV-recirculator	1 x 30W (efficiency >99% per 1 hour)
Daylight lamp (for working area illumination)	1 × LED-12W
Thickness of side panels	4 mm
Thickness of upper front panel	8 mm
Thickness of screen	5 mm
Optical transmission	95%
UV protection	>96%, UV-protection film
Working area	1210 × 500 mm
Opening dimensions (fully raised protective screen)	1210 × 190 mm
Safety features	Automatic open UV-lamp switch off when screen is open
Power outlets inside the unit	3 Built-in sockets max. 1000 W and inlet for power cords
Overall dimensions (W×D×H)	1250 × 600 × 590 mm
Weight (net / gross)	51 / 62 kg
Power consumption	113 W
Nominal operating voltage	100-240 V, 50/60Hz
Optional table	T-4L (1290 × 600 × 770 mm)
Optional drawer unit	LF-1 (300 × 450 × 705 mm)



F-1
BS-040104-DK
shelf

F-1, shelf



P-5
BS-040104-CK
shelf for pipettes

P-5, shelf for pipettes



LT-150
BS-040107-JK
Height adjustable desk

Height adjustable desk
<-> 150 cm



LT-180
BS-040107-HK
Height adjustable desk

Height adjustable desk
<-> 180 cm



T-4L
BS-040107-BK
Table

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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.