

DNA/RNA UV-Cleaner Boxes: Specifications



SPECIFICATIONS

Model	UVC/T-AR (compact)	UVC/T-M-AR (compact)	UVT-B-AR (compact)	UVT-S-AR (double size)
Wall materials	Plexiglas: Polymethyl methacrylate (ALTUGLAS EX)	Rear: stainless steel Sides and front: glass (EUROGLASS, Germany)	Rear: stainless steel, Sides: steel with chemical resistant powder coating Front: glass (EUROGLASS, Germany)	Rear: stainless steel Sides and front: glass (EUROGLASS, Germany)
Working surface material	Steel with chemicals resistant powder coating	Stainless steel		
Open UV-lamp	1 × 25W built-in bactericidal (Philips), TUV25WG13 UV-C			2 × 30W built-in bactericidal lamps (Philips), TUV30WG13 UV-C
UV radiation level	15 mW / cm ² / sec			
Radiation type	UV (λ = 253.7 nm), ozone-free			
Digital time setting of direct UV exposure	1 min–24 hrs / non–stop (increment 1 min)			
UV–recirculator	1 × 25 W (efficiency >99% per 1 hour)			1 × 30 W (efficiency >99% per 1 hour)
Daylight lamp (for work- ing area illumination)	1 × TLD-15W			1 × TLD-30W
Thickness of side panels	4 mm	4 mm	2 mm	4 mm
Thickness of upper front panel	8 mm			
Thickness of the front protective screen	8 mm	4 mm	4 mm	5 mm
Optical transmission	92%	95%		
UV protection	>99.90% Polymethyl methacrylate ALTUGLAS EX	>96% UV-protection film, type 4 MIL CLEAR		
Working area dimensions	650 × 475 mm			1200 × 520 mm
Safety features	Automatic open UV-lamp switch off when screen is open			
Power outlets inside the unit	Inlet for power cords	Inlet for power cords or 1 Built-in socket, max. 1,000 W (pls, order respectively)		3 Built-in sockets max. 1,000 W
Nominal operating voltage	100–240 V, 50/60 Hz			230 V, 50 Hz or 120 V, 60 Hz
Power consumption (230 / 120 V)	67 W			315 VA (1.4 A) / 530 VA (4.5 A)
Overall dimensions (W × D × H)	690 × 535 × 555 mm		690 × 585 × 555 mm	1245 × 585 × 585 mm
Weight (net / gross)	23 / 33 kg	31 / 39 kg	32 / 42 kg	58 / 68.5 kg
Optional table	T-4 (W × D × H : 800 × 600 × 750 mm)			T-4L (W × D × H : 1290 × 600 × 770 mm)