



GuardOne® Workstation-Laminar Flow



Product Highlights

- **Safe:** Efficient UV_{254nm} decontamination with timer function | Automatic UV lamp cut-off when front sash is opened | Efficient, class H14 HEPA filter with pre-filter | ISO class 5 working environment
- **Reliable:** UV lamp lifespan surveillance | HEPA filter lifespan surveillance | Realtime airflow measurement | Device status monitoring
- **Easy to use:** Glove-compatible touchscreen | One touch QuickStart / QuickStop | Virtually maintenance free | Easy to clean
- **Innovative:** Minimal packaging volume and weight reduces transport needs | Easy, tool-free assembly - set up your GuardOne® in just 15 minutes | Tool-free HEPA filter exchange in just 2 minutes
- 2-year warranty

Product Applications

Sample preparation prior to thermocycling of DNA or RNA

Post-PCR techniques

Binding studies and other incubations

Cell culture work

Sterile solution preparations

(Molecular) plant physiology (use the innovative red-light option for light sensitive experiments)

Microbiological culture work

Any sensitive experiments requiring a controlled, clean environment

*GuardOne® is not designed to protect the operator

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General Data

Art. No.	See variations
Dimensions (W x H)	× 877 mm
HEPA Filter	Yes
Pack Size	1 Piece (1 Pack × 1 Piece)
HEPA Filter Life Monitor	Yes
Lab Event Timer	Yes
UV Light Timer	0 - 60 mins (digital)
Air velocity	0.2 – 0.4 m/s
Fluorescent bulb	Yes
LED Light Density	1400 lx
Pre-Filter	Yes
UV Bulb	2 x 15 W, 254 nm
UV Bulb Live Monitor	Yes
UV Safety Interlock Switch	Yes
UVTect Controller	Yes
Variable Speed Blow Control	Yes

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More informations about GuardOne® Workstation-Laminar Flow

Work with your valuable samples without cross-contamination

Starlab's new GuardOne® Workstation provides the ideal workspace for sensitive and critical applications requiring a clean environment, or protection from potential contaminations by bacteria, DNA or RNA. GuardOne® minimizes cross-contamination risk and protects your valuable samples and reagents and saves you time by not having to duplicate your work.

The GuardOne® Workstation with silent, energy-saving fan, real-time airflow measurement and two stage filter system creates an ISO 5 cleanroom environment* to improve your results. The UV lamp with [timer](#) function allows you to easily decontaminate the working area whenever needed. Made from optically-clear, UV-impermeable polycarbonate, GuardOne® provides the user with an optimal view while working and full protection from harmful UV when decontaminating. A safety-switch on the sash door prevents any UV use while working.

Every aspect of GuardOne® has been designed with convenience in mind. All functions can be controlled via the intuitive touchscreen that is compatible with laboratory gloves. The integrated lab [timer](#), constant monitoring of the UV lamp and the HEPA filters lifespan will ease your work further. Check the GuardOne® status at a glance and at any time using the color coded status indicator on the touchscreen.

Features:

- > Double folding sash for easy access
- > full PC shell to reflect UV instead of UV absorbing Acrylic -Effective decontamination and longevity
- > Polymer bases instead of stainless steel so doesn't corrode from cleaning with disinfectants and spill groove to contain spills (and Dead Air)
- > Shelf with integrated [pipette](#) holder (and Dead Air)
- > Equipment access ports (and Dead Air)
- > Long life UV bulb ~9000 hours
- > Optional trolley available

GuardOne® Workstation can be used for various applications such as:

- > Sample preparation prior to thermocycling of DNA or RNA
- > Post-PCR techniques
- > Binding studies and other incubations
- > [Cell culture](#) work
- > Sterile solution preparations
- > (Molecular) plant physiology (use the innovative red-light option for light sensitive experiments)
- > Microbiological culture work

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> Any sensitive experiments requiring a controlled, clean environment

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All Variations












PRODUCT NAME	PACKAGING SIZE	ART. NO.
 GuardOne® Laminar Flow 32" (80 cm) Dimensions: 32 in (80 cm)  Create PDF Data Sheet	1 Piece (1 Pack × 1 Piece)	S8040-0000
 GuardOne® Laminar Flow 48" (120 cm) Dimensions: 48 in (120 cm)  Create PDF Data Sheet	1 Piece (1 Pack × 1 Piece)	S8040-0001

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Accessories

PRODUCT NAME	PACKAGING SIZE	ART. NO.
 HEPA Filter for GuardOne® Workstation 32" laminar flow model	1 Piece (1 Pack × 1 Piece)	S8040-0010
 HEPA Filter for GuardOne® Workstation 48" laminar flow model	2 Pcs. (1 Pack × 2 Pcs.)	S8040-0011
 Replacement shelf with integrated pipette holder for GuardOne® Workstation 32" models	1 Piece (1 Pack × 1 Piece)	S8040-0015
 Replacement shelf with integrated pipette holder for GuardOne® Workstation 48" models	1 Piece (1 Pack × 1 Piece)	S8040-0016
 Pre-Filter for GuardOne® Workstation 32" & 48" laminar flow models	2 Pcs. (1 Pack × 2 Pcs.)	S8040-0014
 Replacement UV lamp for GuardOne® Workstation 32" models	1 Piece (1 Pack × 1 Piece)	S8040-0012
 Replacement UV lamp for GuardOne® Workstation 48" models	2 Pcs. (1 Pack × 2 Pcs.)	S8040-0013
 Replacement hood for GuardOne® Workstation 32" models	1 Piece (1 Pack × 1 Piece)	S8040-0036
 Replacement hood for GuardOne® Workstation 48" models	1 Piece (1 Pack × 1 Piece)	S8040-0037
 Trolley for GuardOne® Workstation 48" models	1 Piece (1 Pack × 1 Piece)	S8040-0018
 Trolley for GuardOne® Workstation 32" models	1 Piece (1 Pack × 1 Piece)	S8040-0017

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