



## GuardOne® Laminar Flow 32" (80 cm)



### Product Highlights

- **Safe:** Efficient UV<sub>254nm</sub> 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.                    | S8040-0000                 |
| Pack Size                   | 1 Piece (1 Pack × 1 Piece) |
| Dimensions                  | 32 in (80 cm)              |
| Dimensions (W × D × H)      | 813 mm × 610 mm × 877 mm   |
| Dimensions (W × D)          | 813 mm × 610 mm            |
| Weight                      | 36 kg                      |
| HEPA Filter                 | Yes                        |
| HEPA Filter Life Monitor    | Yes                        |
| Max. power consumption      | 90 W                       |
| Lab Event Timer             | Yes                        |
| UV Light Timer              | Yes                        |
| Air velocity                | 0.2 – 0.4 m/s              |
| Fluorescent bulb            | Yes                        |
| LED Light Density           | 1400 lx                    |
| Pre-Filter                  | 1x                         |
| UV Bulb                     | 1x 15 W                    |
| 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® Laminar Flow 32" (80 cm)

### 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.   |
|---|---|----------------------------|------------|
|  | <a href="#">GuardOne® Laminar Flow 32" (80 cm)</a><br><b>Dimensions:</b> 32 in (80 cm)                                  | 1 Piece (1 Pack × 1 Piece) | S8040-0000 |
|   |  <a href="#">Create PDF Data Sheet</a> |                            |            |
|  | <a href="#">GuardOne® Laminar Flow 48" (120 cm)</a><br><b>Dimensions:</b> 48 in (120 cm)                                | 1 Piece (1 Pack × 1 Piece) | S8040-0001 |
|   |  <a href="#">Create PDF Data Sheet</a> |                            |            |

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## Accessories

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

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