

GuardOne® Workstation

Safe • Reliable • Easy to use





GuardOne® Workstation

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

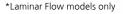
- ► UV lamp lifespan surveillance
- ► HEPA filter lifespan surveillance*
- ► Realtime airflow measurement*
- ► Device status monitoring

Easy to use

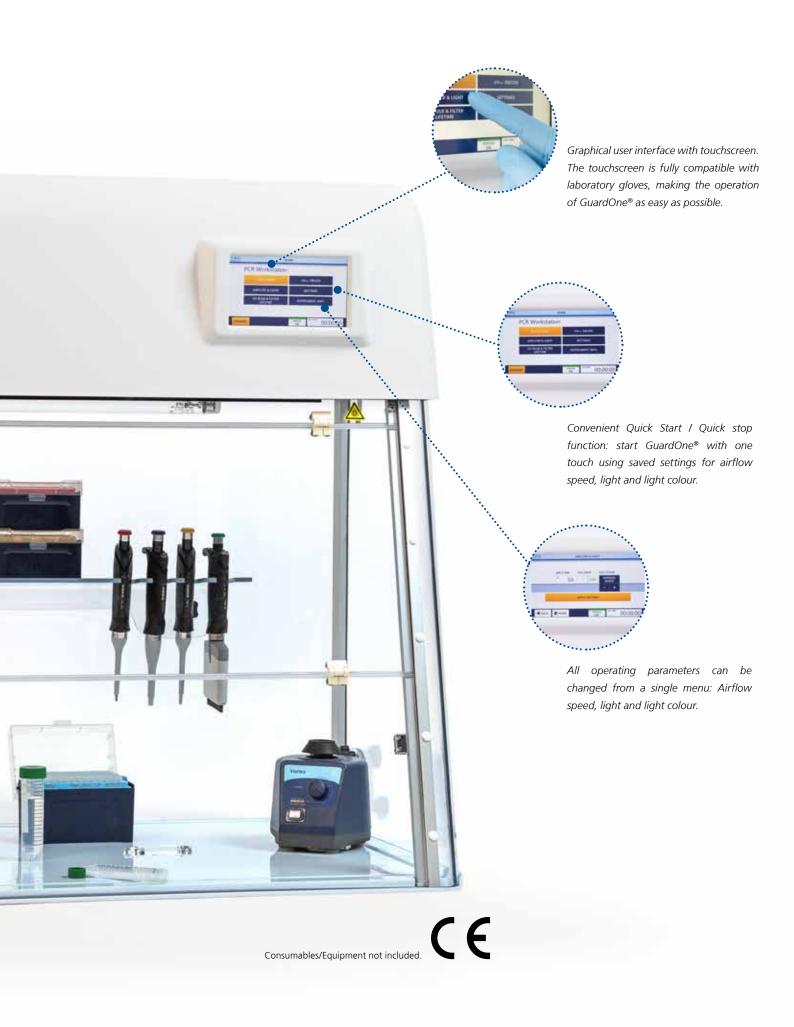
- ► Glove-compatible touchscreen
- One touch QuickStart / QuickStop always start with your preferred settings for airflow speed*, light and light colour (white or red)
- ► Virtually maintenance free
- ► Easy to clean

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.







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-imper-

meable 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.

* Laminar flow models only

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
- ► Any sensitive experiments requiring a controlled, clean environment



Get Green with STARLAB

GuardOne® has been designed with the environment in mind

► Minimal packaging volume

GuardOne® is supplied in six pieces and is easy to assemble without the need for tools (patent pending). Assembly requires no specialist knowledge and can be completed in 15 minutes. The innovative design reduces package volume compared to comparable competitor products, thus providing a 50% saving on both space and shipping resources.

► Minimal power consumption

Energy-saving LED lighting and the latest fan technology results in one of the lowest power consumptions available on the market; 38 W for Dead Air models and 90 W (32") or 160 W (48") for Laminar flow models.

► Reduced waste

GuardOne® UV lamps have a lifespan of up to 9000 hours, thereby significantly reducing both the cost and waste associated with frequent replacement.

ORDER INFORMATION					
Description	Pack Size	Cat. No.			
GuardOne® Dead Air Woi	rkstations 1)				
GuardOne® Dead Air 32" (80 cm)	1	\$8040-1000			
GuardOne® Dead Air 48" (120 cm)	1	\$8040-1001			
GuardOne® Laminar Flow W	Vorkstations 2)				
GuardOne® Laminar Flow 32" (80 cm)	1	\$8040-0000			
GuardOne® Laminar Flow 48" (120 cm)	1	\$8040-0001			
Accessories / Replac	ements				
Trolley for 32" models	1	\$8040-0017			
Trolley for 48" models	1	\$8040-0018			
HEPA Filter for 32" laminar flow model	1	\$8040-0010			
HEPA Filter for 48" laminar flow model	2	\$8040-0011			
Pre-Filter for 32" & 48" laminar flow models	2	\$8040-0014			
Shelf with integrated pipette holder for 32" models	1	\$8040-0015			
Shelf with integrated pipette holder for 48" models	1	\$8040-0016			
UV lamp for 32" models	1	\$8040-0012			
UV lamp for 48" models	2	\$8040-0013			
¹⁾ incl. UV-lamp and shelf ²⁾ incl. Pre- & HEPA filter, UV-lamp and shelf					

2-vear warranty
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A perfect match STARLAB offers a comprehensive range of high-quality PCR plates www.starlab.click/pcrplates OurCytoOne® range of dishes, flasks and plates provide optimum growth and handling for your cells. www.starlab.click/cytoone

TECHNICAL SPECIFICATIONS						
Model	Dead Air Workstation 32"	Dead Air Workstation 48"	Laminar Flow Workstation 32"	Laminar Flow Workstation 48"		
Dimension (W x D x H) outside	813 x 610 x 877 mm	1220 x 610 x 877 mm	813 x 610 x 877 mm	1220 x 610 x 877 mm		
Dimensions (W \times D \times H) working area	800 x 600 x 600 mm	1200 x 600 x 600 mm	800 x 600 x 600 mm	1200 x 600 x 600 mm		
Weight	32 kg	35 kg	36 kg	42 kg		
Air velocity	-	-	0.2 – 0.4 m/s	0.2 – 0.4 m/s		
LED light intensity	1400 lux	1400 lux	1400 lux	1400 lux		
HEPA filter	-	-	1x H14	2x H14		
HEPA filter lifespan monitor	-	-	yes	yes		
Lab timer	Yes	Yes	Yes	Yes		
Pre-filter	-		1x	2x		
Realtime airflow measuring	-	-	Yes	Yes		
UV lamp	1x 15 W	2x 15 W	1x 15 W	2x 15 W		
UV lamp lifespan monitor	Yes	Yes	Yes	Yes		
UV timer	Yes	Yes	Yes	Yes		
UV safety switch	Yes	Yes	Yes	Yes		
Power consumption	38 W	38 W	90 W	160 W		

- ► Tool-free assembly in just 15 minutes.
- ► Tool-free HEPA filter exchange in just 2 minutes.
- ► Tool-free UV lamp exchange in just 2 minutes.

No specialist knowledge required.



www.starlab.click/workstation

to watch a video of how easy it is to assemble the PCR workbench.



www.starlab.co.uk

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