

BENEFITS INCLUDE

- **Four 15-Watt UV-C bulbs** - generate sufficient high energy UV-C irradiation to denature nucleic acids in as little as 30 minutes, minimising unwanted background contamination in PCR reactions
- **Optimal reflectors** - provide uniform irradiation of the whole work surface area within the cabinet
- **Timer-control** - affords the user total control over exposure time and UV-dosage
- **Timer override switch** - for constant UV-C irradiation
- **Safety interlocks** - immediately cut out the UV source when the side doors are opened, preventing accidental UV exposure
- **10mm optical acrylic** - acts as a safety barrier to UV-C and β radiation, allowing the cabinet to be used as a radiation work station if preferred
- **White light** - illuminates the work area when the cabinet is in use
- **Recommended for use with the RPP-TY6854 safety tray and RPP-TL6854 easy-clean tray liners (not included)**
- **Techné® thermal cyclers also available - see page 111**



TECHNICAL SPECIFICATION

External Dimensions (W x D x H)	56 x 42 x 77cm
Internal Dimensions (W x D x H)	54 x 40 x 75cm
Thickness of Acrylic	10mm; confers protection against the UV-C wavelength and high energy β -emitters
UV-C Bulbs	4 x 15W; 254nm wavelength
White Light Bulb	1 x 15W; visible wavelength
Timer Control	0-120 minutes
Weight	19Kg



The GLE-UVSC UV Sterilisation Cabinet

The Scie-Plas GLE-UVSC UV sterilisation cabinet provides effective decontamination of reagents and equipment before carrying out sensitive PCR® reactions, particularly when amplifying DNA sequences which are either in limited supply or of low copy number. Four timer-controlled 15-Watt UV-C bulbs enable the user to control the exposure time and dose of high energy UV-C irradiation required to denature nucleic acids that cause unwanted background contamination, while a timer override switch allows the UV source to remain on indefinitely if preferred. Safety interlocks switch-off the UV-C bulbs automatically when the cabinet side doors are opened, preventing accidental exposure to the UV source. The cabinet's construction from UV-C-impermeable 10mm acrylic also serves as an effective barrier against radioactive isotopes, allowing the user to work in complete safety with high energy β -emitters such as ^{32}P . A single white light bulb illuminates the work area when the cabinet is in use.

ORDERING INFORMATION

Complete System

	Part No.
UV sterilisation cabinet for 230Vac mains power supply	GLE-UVSC
UV sterilisation cabinet for 110Vac mains power supply	GLE-UVSC-A

Replacement Parts & Accessories

1 x UV germicidal bulb, 15W, 254nm	34-0008-01
1 x PVC radiation safety tray, 68 x 54cm (W x L)	RPP-TY6854
25 x APET liners, 68 x 54cm (W x L)	RPP-TL6854