

# gel drying

## Drivers

- DRY UP TO TWELVE 10 x 10CM GELS AT A TIME [MAXI]
- MICROPROCESSOR CONTROLS TEMPERATURE AND TIMER
- OPTIMAL TIGHT SEAL DURING THE DRYING PROCESS

## Vacuum Pump

- TWO PUMPS IN ONE - VAPOUR TRAP AND HIGH EFFICIENCY DIAPHRAGM PUMP
- ENVIRONMENTALLY FRIENDLY - TRAPS AND CONTAINS VAPOURS

### Technical Specifications

TEMPERATURE INCREMENT	0.1°C
TEMPERATURE CALIBRATION	YES
TEMP UNIFORMITY	± 0.2°C
TIMER	1-999 MINS
DRYING AREA	MIDI 21 x 31cm MAXI 35 x 45cm
OPERATING TEMP. RANGE	AMBIENT TO 90°C
DIMENSION WxLxH	MIDI 30 x 36 x 8cm MAXI 44 x 50 x 8cm
CONDENSER VAPOUR CAPACITY	1.5L
DIMENSIONS WxLxH	35.5 x 28.5 x 39cm

## Vacuum Pump

- INACTIVATES NUCLEIC ACIDS IN 5 TO 30 MINUTES
- DOORS FITTED WITH SAFETY SWITCHES
- COMPLETE WITH FOUR POWERFUL, TIMER CONTROLLED UV BULBS
- EFFICIENT DECONTAMINATION OF THE COMPLETE WORK SURFACE
- SUITABLE FOR WORK WITH <sup>32</sup>P

### Technical Specifications

UV LIGHTS	MAXI FOUR x 15 WATT MINI TWO x 15 WATT
WHITE LIGHT	MAXI 15 WATT MINI 15 WATT
DIMENSIONS	MAXI 660 (H) x 560 (W) x 420MM (D) MINI 400 (H) x 560 (W) x 350MM (D)
WEIGHT	MAXI 19 Kg MINI 12 Kg

### ORDERING INFORMATION

GDVH	<b>Midi Gel Dryer</b> , 21 x 31 cm
GDVH-35	<b>Maxi Gel Dryer</b> , 35 x 45 cm
PUMP	Gelmaster Vacuum Pump
UVCAB	<b>UV PCR Cabinet, Maxi</b>
UVCABMINI	<b>UV PCR Cabinet, Mini</b>
UVTUBE	Replacement UV Fluorescent Tube
WHTUBE	Replacement White Fluorescent Tube

For 110 V AC, please add '-\$' as a suffix to the appropriate product code

## VACUUM & HEATED

With a drying area of 21 x 31 cm, the Maxi Gel Dryer with a 35 x 45cm drying area can dry twelve 10 x 10cm mini gels simultaneously. The Midi Gel Dryer can dry six 10 x 10cm gels or a single larger gel. Both unit's microprocessor controls temperature and time, each parameter being displayed on its own LED display. The gels are heated from the base plate while the vacuum removes the moisture from below to dry the gel homogeneously. These dryers feature optimal sealing using a silicone rubber cover and supporting mask. When applying the vacuum, a groove that frames the drying surface provides an optimal tight seal during the drying.



### GelMaster™ Vacuum Pump features two pumps in one package:

a room temperature vapour trap acts as a pump by condensing the hot vapours from the gel dryer and trapping them from the rest of the systems; this is followed by a high efficiency diaphragm pump, delivering a powerful, non-fluctuating vacuum for fast, smooth drying, which acts as the primary vacuum source. The pump is so efficient, one GelMaster™ can be connected to three gel dryers simultaneously. It's 1.5L capacity allows between 10-15 gels to be dried before the trap needs to be drained. The GelMaster™ trapping medium can be used repeatedly.

# cabinets

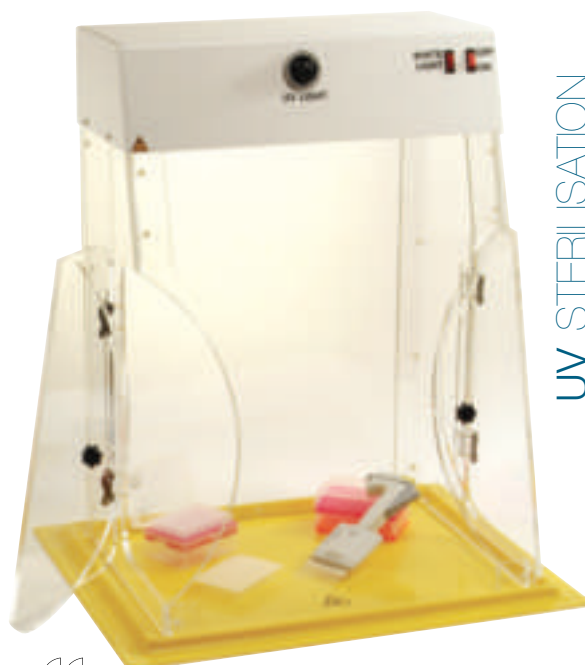
### These UV Sterilisation Cabinets provide a convenient area for setting up PCR reactions in a nucleic acid free environment thus limiting PCR reaction contamination.

Acting effectively as a low cost alternative to a clean room, the powerful UV lights on each cabinet denatures nucleic acids in 5 to 30 minutes making them unsuitable for amplification. The cabinets incorporate safety features to prevent user-exposure to UV light.

The UV lights are timer controlled and there are safety switches on the cabinet doors which power off the UV lights when opened. The units' white light provide excellent visibility when working within the cabinet.

Constructed from 10mm acrylic, the cabinets also act as efficient shields from beta radioactive emissions and can therefore be safely used with isotopes such as <sup>32</sup>P.

Two models are available, Maxi as shown adjacent, and a new Mini Cabinet for limited budget and bench space. Safety SpillTrays and Liners of size 68 x 54cm, provide convenient containment of spillage.



## UV STERILISATION

