

gel drying

Dryers

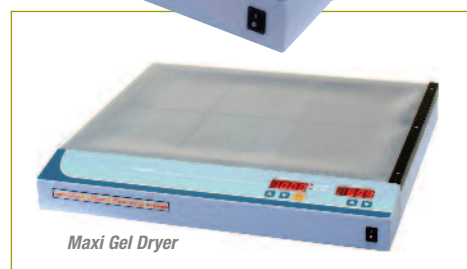
- DRY UP TO TWELVE 10 x 10CM GELS AT A TIME [MAXI]
- MICROPROCESSOR CONTROLS TEMPERATURE AND TIMER
- OPTIMAL TIGHT SEAL DURING THE DRYING PROCESS

Vacuum Pumps

- VACUUBRAND - OIL-FREE VACUUM DOWN TO ~ 9MBAR ULTIMATE VACUUM
- VACUUBRAND - OUTSTANDING CHEMICAL RESISTANCE AND SUPERIOR VAPOUR TOLERANCE

VACUUM & HEATED

With a drying area of 21 x 31 cm, the **Midi Gel Dryer** can dry six 10 x 10cm gels or a single larger gel. The **Maxi Gel Dryer** with a 35 x 45cm drying area can dry twelve 10 x 10cm mini gels simultaneously. 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.



Technical Specifications

Dryers

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
PUMP FLOW RATE	35L/MIN
PUMPING SPEED	1.9M ³ /H / 2.1 M ³ /H / .2CFM
ULTIMATE VACUUM (TOTAL)	9 MBAR // 6.8 TORR
DIMENSIONS WxLxH	24 x 35 x 33CM

Vacuubrand Pump



The **Vacuubrand® MZ 2C + 2 AK** is a quiet, low maintenance oil free vacuum pump, which generates the lowest pressure measurable reproducibly at room temperature for almost 100% efficient solvent recovery. Two round bottomed flasks collect and condense noxious gases released during gel drying, whereas inlet and outlet separators act in tandem with the diaphragm pump to facilitate controlled collection of vapours without risk of condensate entering and contaminating the pump. The two stage pump also benefits from a compact design and construction from specially-selected chemically resistant materials, long-life easy-to-change diaphragms and valves, and gas ballast function.

uv crosslinker

The **UVLink UV Crosslinker** is especially designed for binding nucleic acids to membranes. A membrane keypad facilitates manual or preset control of the desired UV dosage and exposure time, while a highly accurate microprocessor-controlled photo feedback system maintains uniform output from each of the crosslinker's five 8-Watt UV bulbs. Other features comprise safety interlock switches to prevent accidental UV leakage during operation, a clearly visible LED, plus a large interior chamber and small footprint area. The crosslinker may be used in a variety of applications, such as colony or plaque lifts, UV sterilisation and gene mapping or DNA damage studies.



Technical Specifications

UV SOURCE	5 x 8W UV BULBS, 254, 302 OR 365NM
EXPOSURE TIME	0 - 999.9 MINUTES
ENERGY RANGES	0 - 99T.99 J OR 0 - 9.999 J
INTERNAL DIMENSIONS	26 x 33 x 14.5CM (WxDxH)
FOOTPRINT	35 x 36CM

ORDERING INFORMATION

GDVH	Midi Gel Dryer , 21 x 31 cm
GDVH-35	Maxi Gel Dryer , 35 x 45 cm
MZ2C	Vacuubrand Vacuum Pump, MZ 2C + 2 AK

CL-508.G	Shortwave Crosslinker, 254nm
CL-508.M	Midrange Crosslinker, 302nm
CL-508.BL	Longwave Crosslinker, 365nm

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