

gel dryers

- Maxi dries up to twelve 10 x 10cm gels at a time
- Microprocessor control temperature and timer
- Optimal tight seal during the drying process



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. The 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 drying.

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

Ordering Information

CSL-GDVH	Midi Gel Dryer 220V, 21 x 31 cm	CSL-GDVH35	Maxi Gel Dryer 220V, 35 x 45 cm
CSL-S2131	Replacement Silicon Rubber, Midi	CSL-S3545	Replacement Silicon Rubber, Maxi
CSL-M2131	Replacement Supporting Mask, Midi	CSL-M3545	Replacement Supporting Mask, Maxi
CSL-PUMP	Gelmaster Vacuum Pump		
CSL-TRAP	Replacement Trapping fluid for Gelmaster	CSL-FLUSH	Replacement flushing fluid for Gelmaster

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

vacuum pumps

Technical Specifications

MZ 2C + 2 AK	
UNIT DIMENSIONS (W x L x H)	24.1 x 34.5 x 32.6cm
VACUUM PUMP	CHEMISTRY DIAPHRAGM PUMP
MZ 2C	
NUMBER OF STAGES	2
PUMPING SPEED 50/60 Hz	1.9m ³ /h / 2.1 m ³ /h // 1.2CFM
ULTIMATE VACUUM (TOTAL)	9 mBAR // 6.8 TORR
ULTIMATE VACUUM WITH GAS BALLAST	15 mBAR // 11 TORR
INLET CONNECTION (IN)	HOSE NOZZLE NW 10MM
OUTLET CONNECTION (EX)	HOSE NOZZLE NW 10MM
WEIGHT	11.9KG
PUMP FLOW RATE	35 L/MIN



CSL-GD 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 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.

Cleaver Scientific's new CSL-PUMP range is the ideal cost-effective alternative to the Vacuubrand gel pump. Each pump within the range is portable, low-noise and environmentally friendly. Also available is an optional vacuum regulator and filter cartridge. All CSL-PUMP models are recommended for use with the optional CSL-PUMPTRAP kit for vapour collection, and the vacuum regulator with filter cartridge insert that prevents pump contamination.



Technical Specifications

	CSL-PUMP300		CSL-PUMP400		CSL-PUMP410	
Voltage Frequency	110-120V 60Hz	220-240V 50Hz	110-120V 60Hz	220-240V 50Hz	110-120V 60Hz	220-240V 50Hz
Max. Power (W)	70	60	90	95	90	95
Max. Flow Rate	25 L/min	22 L/min	38 L/min	34 L/min	28 L/min	25 L/min
Max. Vacuum	600mmHg = 79kPa		600mmHg = 79kPa		740mmHg = 97kPa	
Max. Pressure	25PSI	25PSI	30PSI	30PSI	40PSI	40PSI
Net Weight	5.0kg		7.0kg		7.0kg	
Dimensions (LxWxH, mm)	210x112x220		280x112x210		270x144x190	

Ordering Information

CSL-GDPUMP	Geldryer Pump – 732502 MZ 2C NT +2AK	MU-VC-VR	Vacuum Regulator / Moisture Trap
CSL-PUMP300	CSL 300 chemically resistant vacuum pump	MU-VC-FC	Filter Cartridge
CSL-PUMP400	CSL 400 chemically resistant vacuum pump	CSL-PUMPTRAP 500ml glass bottle with 2 ports, plus S.S. connecting set and rubber tubing clamp	
CSL-PUMP410	CSL 410 chemically resistant vacuum pump		

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