Hercuvan
Lab Systems

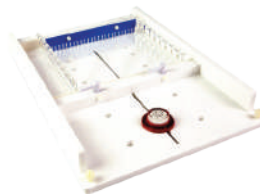# ConcertoGEL Maxi Horizontal Electrophoresis System

HIGHLIGHTS

- For large number of sample separation from PCR or cloning and extended separations
- Suitable for RFLP analysis southern and northern blotting applications, DNA library and PCR fragment analysis
- Available with 20 x 10cm, 20 x 15cm, 20 x 20cm, 20 x 25cm gel trays
- Up to 550 sample per gel can be resolved in a single run
- Multichannel pipette compatible combs

Perfect for separation of large sample number– PCR or Cloning

ConcertoGEL Maxi Horizontal Electrophoresis System is a large format system ideally designed for separation of high numbers of samples from PCR or cloning. With extended runs over 20 cm, it can provide high-resolution separations of up to 550 samples per gel using 50 sample combs. ConcertoGEL Maxi is available with four gel tray options of 20 x 10cm, 20 x 15cm, 20 x 20cm and 20 x 25cm. For easy sample transfer to membrane, in application such as Southern Blotting, the tray sizes match the standard blotter sizes. Multi-channel pipette compatible combs are available for quick loading with up to 40 sample comb that can accommodate 440 samples per gel.

Flexible Caster
Convenient gel casting of up to 20 cm length with the moveable dam (optional)

Cool Pack & Platform
Can reduce overheating for experiments with high intensity runs (high voltage produces heat)

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TECHNICAL DATA

Specifications	ConcertoGEL Maxi	Max. Sample Capacity
Tank dimension (W x D x H)	23 x 39.5 x 9 cm	
Buffer volume	1500 ml	
Gel tray (W x D)	20 x 10 cm	200 samples
	20 x 15 cm	350 samples
	20 x 20 cm	450 samples
	20 x 25 cm	550 samples

ORDERING INFORMATION

Cat. No	ConcertoGEL Maxi Horizontal Electrophoresis System		

EB-HES-CGMAXI10	CG Maxi, 20 x 10 cm: 1 UV tray, 2 combs (20 teeth)*	EB-HES-CGMAXI25	CG Maxi, 20 x 25 cm: 1 UV tray, 2 combs (20 teeth)*
EB-HES-CGMAXI15	CG Maxi, 20 x 15 cm: 1 UV tray, 2 combs (20 teeth)*	EB-HES-CGMAXIDUO	CG Maxi Duo, 20 x 10 cm & 20 x 20 cm:
EB-HES-CGMAXI20	CG Maxi, 20 x 20 cm: 1 UV tray, 2 combs (20 teeth)*		2 UV trays, 2 combs (20 teeth)*

CGMX-UVT10	20 x 10 cm UV Tray	CGMX-CD	Casting Dams, 2 units	CGMX-GLT	Gel Levelling Table
CGMX-UVT15	20 x 15 cm UV Tray	CGCLMX-FC	Flexible Caster for CG Classic/Maxi	CGMX-VP	Viewing Platform for CG Maxi
CGMX-UVT20	20 x 20 cm UV Tray	CGMX-LG	Adhesive Loading Guides	CGMX-L	Lid for CG Maxi, no cables
CGMX-UVT25	20 x 25 cm UV Tray	CGMX-GS	UV Gel Scoop, 20 cm	CGMX-T	Tank for CG Maxi, including electrodes
CGMX-PE	Positive Electrode	CGMX-CP	Cool Pack and Platform	EB-HES-EC	Electrophoresis Cable, black and red
CGMX-NE	Negative Electrode	CGMX-BS	Buffer Saving Blocks, 2 units, saves 450ml buffer		

Color	Cat. No	Combs for ConcertoGEL Maxi	Sample Volume (5mm thick gel)	Color	Cat. No	Combs for ConcertoGEL Maxi	Sample Volume (5mm thick gel)
	CGMX1-0.75	Comb for 1 sample, 1 marker, 0.75 mm thick	506 µL		CGMX1-1.5	Comb for 1 sample, 1 marker, 1.5 mm thick	1013 µL
	CGMX2-0.75	Comb for 2 samples, 2 markers, 0.75 mm thick	236 µL		CGMX2-1.5	Comb for 2 samples, 2 markers, 1.5 mm thick	473 µL
	CGMX4-0.75	Comb for 4 samples, 2 markers, 0.75 mm thick	115 µL		CGMX4-1.5	Comb for 4 samples, 2 markers, 1.5 mm thick	230 µL
	CGMX10-0.75	Comb for 10 samples, 0.75 mm thick	54 µL		CGMX10-1.5	Comb for 10 samples, 1.5 mm thick	108 µL
	CGMX16-0.75	Comb for 16 samples, 0.75 mm thick	30 µL		CGMX16-1.5	Comb for 16 samples, 1.5 mm thick	61 µL
	CGMX20MC-0.75	Comb for 20 samples, multichannel, 0.75mm thick	20 µL		CGMX20MC-1.5	Comb for 20 samples, multichannel, 1.5 mm thick	41 µL
	CGMX25-0.75	Comb for 25 samples, 0.75 mm thick	16 µL		CGMX25-1.5	Comb for 25 samples, 1.5 mm thick	32 µL
	CGMX30-0.75	Comb for 30 samples, 0.75 mm thick	13 µL		CGMX36-1.5	Comb for 36 samples, 1.5 mm thick	22 µL
	CGMX36-0.75	Comb for 36 samples, 0.75 mm thick	11 µL		CGMX40MCA-1.5	Comb for 40 samples, multichannel alternate, 1.5 mm thick	17 µL
	CGMX40MCA-0.75	Comb for 40 samples, multichannel alternate, 0.75 mm thick	8 µL				
	CGMX50-0.75	Comb for 50 samples, 0.75 mm thick	8 µL		CGMX50-1.5	Comb for 50 samples, 1.5 mm thick	16 µL
	CGMX1-1	Comb for 1 sample, 1 marker, 1 mm thick	675 µL		CGMX1-2	Comb for 1 sample, 1 marker, 2 mm thick	1350 µL
	CGMX2-1	Comb for 2 samples, 2 markers, 1 mm thick	315 µL		CGMX2-2	Comb for 2 samples, 2 markers, 2 mm thick	630 µL
	CGMX4-1	Comb for 4 samples, 2 markers, 1 mm thick	153 µL		CGMX4-2	Comb for 4 samples, 2 markers, 2 mm thick	306 µL
	CGMX10-1	Comb for 10 samples, 1 mm thick	72 µL		CGMX10MC-2	Comb for 10 samples, 2 mm thick	144 µL
	CGMX16-1	Comb for 16 samples, 1 mm thick	41 µL		CGMX16-2	Comb for 16 samples, 2 mm thick	81 µL
	CGMX20MC-1	Comb for 20 samples, multichannel, 1 mm thick	27 µL		CGMX20MC-2	Comb for 20 samples, multichannel, 2 mm thick	54 µL
	CGMX25-1	Comb for 25 samples, 1 mm thick	21µL		CGMX25-2	Comb for 25 samples, 2 mm thick	42 µL
	CGMX36-1	Comb for 36 samples, 1 mm thick	14 µL		CGMX30-2	Comb for 30 samples, 2 mm thick	34 µL
	CGMX40MCA-1	Comb for 40 samples, multichannel alternate, 1 mm thick	11 µL		CGMX36-2	Comb for 36 samples, 2 mm thick	29 µL
					CGMX40MCA-2	Comb for 40 samples, multichannel alternate, 2 mm thick	23 µL
	CGMX50-1	Comb for 50 samples, 1 mm thick	10 µL		CGMX50-2	Comb for 50 samples, 2 mm thick	21 µL

* All models include casting dams, loading guides