

miniRapide



The miniRapide is a completely self contained system designed for quick checks of samples. Gel casting, running and analysis are all performed in the same ultra compact unit. Buffer and gel volumes have been kept to a minimum and the parallel electrode arrangement allows ultra efficient current transfer, enabling resolution to be completed within 30 minutes. The UV transparent base allows direct viewing on a UV Transilluminator with no need for time consuming transfer and potential gel damage. Dual comb slots allow the loading of up to 40 samples per gel while multichannel pipette compatible combs further enhance the speed and convenience.

- A convenient self contained solution for routine agarose gel electrophoresis
- Ultra compact
- Low buffer volumes
- Multichannel pipette compatible combs for speed loading

For routine, rapid checking of samples

Typical Applications

TECHNICAL SPECIFICATIONS

GEL DIMENSIONS, (W x L)	10 x 8cm
UNIT DIMENSIONS (W x L x H)	15 x 15 x 4cm
MAX. SAMPLE CAPACITY	40 SAMPLES
BUFFER VOLUME	50ML
COMBS AVAILABLE :	
NO. OF SAMPLES	1, 4, 8, 12, 16, 20
THICKNESSES	1, 1.5MM

Ordering Information

FMMS10	miniRapide, 10 x 8cm, 2 x 8 sample combs 1.5mm and casting dams
FMMS-DAM	miniRapide Casting dams, pk/2
RPW0.2	Replacement Platinum Wire 0.2mm – 50cm

Code	Description	Sample Volume for a 5mm thick gel	Code	Description	Sample Volume for a 5mm thick gel
FMMS-1	Comb 1 sample, 1 dye, 1mm thick	330µl	FMMS-1-1.5	Comb 1 sample, 1 dye, 1.5mm thick	495µl
FMMS-4-1	Comb 4 sample, 1mm thick	90µl	FMMS-4-1.5	Comb 4 sample, 1.5mm thick	135µl
FMMS-8-1	Comb 8 sample, 1mm thick	40µl	FMMS-8-1.5	Comb 8 sample, 1.5mm thick	60µl
FMMS-12-1	Comb 12 sample, 1mm thick	25µl	FMMS-12-1.5	Comb 12 sample, 1.5mm thick	38µl
FMMS-16-1	Comb 16 sample, 1mm thick	15µl	FMMS-16-1.5	Comb 16 sample, 1.5mm thick	23µl
FMMS-20MC-1	Comb 20 sample MC, 1mm thick	10µl	FMMS-20MC-1.5	Comb 20 sample MC, 1.5mm thick	15µl

MC = multichannel pipette compatible

batteryGel

The MSBGEL battery mini-gel is designed specifically with safety and cost in mind: as no power supply is necessary. Results are obtainable within 1.5 hours if used with our completely safe educational electrophoresis kit, which is free of ethidium bromide. It includes non-toxic electrophoretic dyes, spotting pipettes, agarose, buffer and classroom protocols.



- Low voltage makes the MSBGEL ideal for use in schools and colleges where safety is paramount
- Integrated safety lid makes the gel inaccessible during use
- UV-transparent acrylic for direct visualisation of the gel within the tank
- Small size minimises the buffer and gel consumption
- Cost-effective – no need for expensive power supplies, or transilluminators if supplied with optional kit

Ordering Information

MSBGEL	Battery operated horizontal gel 6 x 7.5cm, 2 x 8 sample combs, casting gates		
MSBGEL-KIT	Educational electrophoresis kit with 1x100ml TBE buffer, 1x 5g agarose, 4x electrophoretic dyes, spotting pipette and classroom protocols		
MSBGEL-CG	Casting gates Pk/2 for MSBGEL	MSBG-1-8	Comb 8 sample, 1mm thick
MSBGEL-BAT	PP3 batteries for MSBGEL Pk/2	MSBG-1-12	Comb 12 sample, 1mm thick
MSBG-1-4	Comb 4 sample, 1mm thick	MSBG-1-16	Comb 16 sample, 1mm thick

TECHNICAL SPECIFICATIONS

UNIT DIMENSIONS (W x L x H)	11 x 17 x 3.5cm
GEL DIMENSIONS (W x L)	6 x 7.5cm
MINIMUM BUFFER VOLUME	50ML
MAXIMUM SAMPLE CAPACITY	32
COMBS:	
COMB THICKNESS	1MM
NUMBER OF SAMPLES	4, 8, 12 AND 16