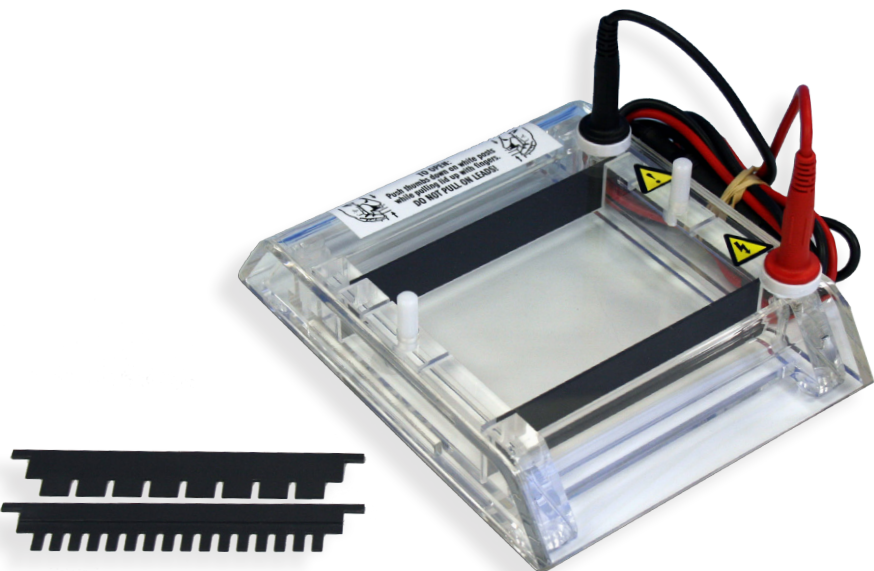


Fast, compact and safe design



Mini-Fast Sub

Cat. #MGU-303

Complete System

- UV transparent base with grooves for gel casting dams, 2 comb slots and built-in storage compartment
- 2 gel casting dams
- 2 combs of your choice
- Safety cover with attached power leads

FEATURES

- Run times are less than an hour.
- UV transparent base allows sample visualization simply by transferring unit to transilluminator.
- This uniplanar design has a buffer chamber only slightly longer than the gel itself, minimizing the amount of buffer required - 50 ml of 0.5X TBE recommended.
- Maximum of 50ml of agarose is needed. Can use as little as 30ml for analytical runs with small sample volumes.
- 1 or 2 combs positions for a maximum of 32 sample throughput.
- Two precision-fit PVC dams snap snugly into grooves for leak-free gel casting in gel bed. Since gels are cast in place, they are ready to run without casting tray or gel handling.
- Less than 15minute run time required for elution of DNA in dialysis bags.

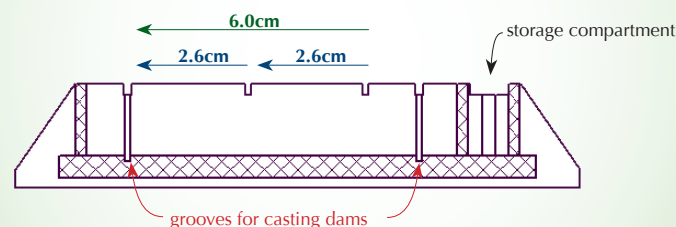
APPLICATIONS

- Separation & identification of DNA fragments, RNA fragments, PCR products and synthetic oligonucleotides
- Electro-elution of DNA in dialysis bags

Base Profile and Migration Distances

one comb: 1 pathlength of up to 6cm (green arrow)

2 combs: 2 pathlengths of up to 2.6cm (blue arrows)



Comb Options

overall length = 88.26mm, tooth depth = 5.37mm, material: PVC

Cat. #	# of wells	thickness of comb	Tooth width	Maximum loading volume/well
MGU-Comb1	4	1.0mm	20.2mm	82µl
MGU-Comb2	8	1.0mm	8.88mm	36µl
MGU-Comb3	16	1.0mm	3.27mm	13µl
MGU-Comb4	4	2.0mm	20.2mm	163µl
MGU-Comb5	8	2.0mm	8.88mm	72µl
MGU-Comb6	16	2.0mm	3.27mm	26µl

Ordering Information

Cat. #	ITEM
MGU-303	Mini-Fast Sub, CE, Gel bed dimensions 10cm(w) x 8cm(l), 2 casting dams and 2 combs. Please specify combs from list above.
MCD-300	Additional gel casting dams