

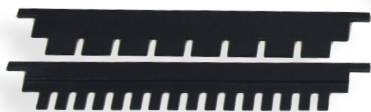
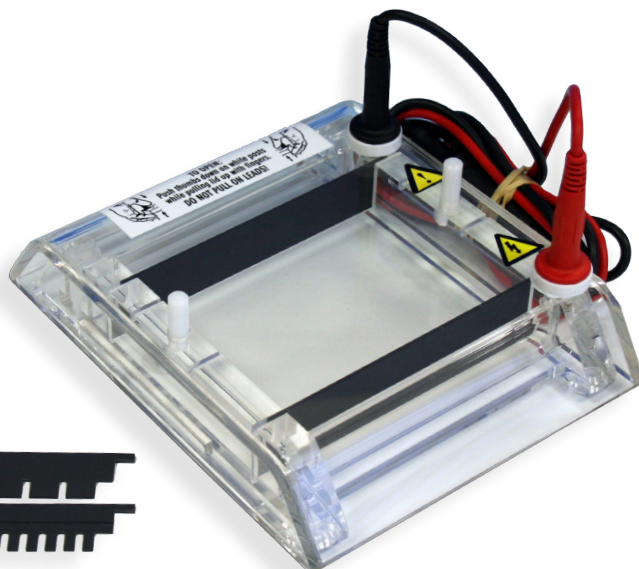
Fast, compact and safe design

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 power leads



APPLICATIONS

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

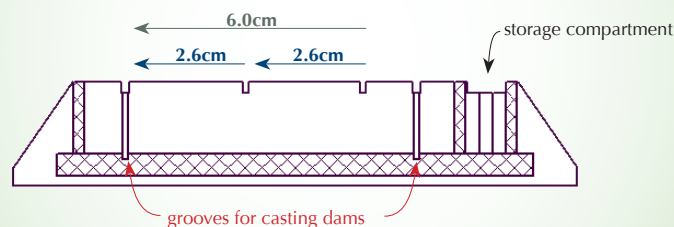
FEATURES

- 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 40 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 15 minute run time required for 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 Teeth	Thickness of Teeth (mm)	Width of Teeth (mm)	Max Loading Volume/Well (µl)
MGU-Comb1	4	1.0	20.2	82
MGU-Comb2	8	1.0	8.88	36
MGU-Comb3	16	1.0	3.27	13
MGU-Comb4	4	2.0	20.2	163
MGU-Comb5	8	2.0	8.88	72
MGU-Comb6	16	2.0	3.27	26
MGU-Comb7	20	1.0	3.05	12
MGU-Comb8	20	2.0	3.05	24

ORDERING INFORMATION

CAT. #	DESCRIPTION
MINI-FAST SUB	
MGU-303	Mini-Fast Sub, CE, Complete System, gel dimension 10cm(w) x 8cm(l)
Related Products	
MCD-300	Additional Casting Dams, set of 2
EPS-300 X	Power Supply, CE, 10-300V, 4-500mA