

Model A3-1 Gator™ Wide Gel Electrophoresis System

Gel Size: 23cmW x 40cmL

Footprint: 32cmW x 53cmL x 11cmH

Running Buffer Volume: 4.5L

*Largest System Available
Great for Plant Genomics*



The Owl Gator™ horizontal A3-1 wide system can run from 25 to 600 samples on one gel. The gel can be cast in varying lengths to help conserve agarose when fewer samples need to be run utilizing a wall comb. This unit comes with built in buffer exchange ports to allow for buffer recirculation on extended runs, if needed. The large number of comb slots gives you sample and resolving distance flexibility.

The Gator™ incorporates Owl's end gate gel casting system. The UVT gel tray incorporates gasketed end gates which provide a leakproof seal without tape. Built in leveling ensures the casting of flat, uniformly thick gels. Sample loading is greatly enhanced using micro well pipette format combs (and a multichannel pipette) engineered specifically for use with this system. Using these combs and a multichannel pipette, samples may be loaded directly from a 96-well plate, 8 or 12 at a time. Sample loading with a multichannel pipette speed transfer and reduces chance of sample order error.

Comb Options

Catalog Number	Comb Type	Number of Teeth	Thickness of Teeth	Width of Teeth	Recommended Loading Volume			
					0.25cm	0.5cm	0.75cm	1.0cm
D3-MT2C	Micro Well	50 (2X)	1.0mm	3mm	2µl	8µl	14µl	19µl
D3-MT2D	Micro Well	50 (2X)	1.5mm	3mm	3µl	12µl	20µl	29µl
D3-MTC	Micro Well	25 (1X)	1.0mm	7.5mm	6µl	20µl	34µl	48µl
D3-MTD	Micro Well	25 (1X)	1.5mm	7.5mm	8µl	30µl	51µl	72µl
D3-WALL	Wall	1	1.5mm	230				

Complete System Includes:

- Buffer Chamber with Three Point Leveling Base
- SuperSafe™ Lid with Attached Power Supply Leads
- U.V. Transmissible (UVT) Gel Tray with Gasketed End Gates
- 4 Combs: (2) 25 Well and (2) 50 Well, 1.5mm Thick
- Built in Buffer Exchange Ports