

## Thermo Scientific Owl EasyCast B1A Mini Gel Electrophoresis Systems

**Ideal size for every lab to provide flat, even banding patterns and consistent results with less hassle**



- Perfect size to determine molecular weight ranges of PCR fragments or larger sized DNA molecules
- All in one design allows the option of casting and running a gel in the buffer chamber, eliminating the need for additional equipment. Two comb slots on gel tray double sample capacity by doubling number of sample wells
- UVT gel trays are silk screened with a fluorescent ruler for easy measurement of bands
- Feature leakproof casting that allows a gel to be cast and run in the same chamber with no tape or additional parts required
- Run from 5 to 24 samples in 15 minutes

**Ordering Information:** Available with optional buffer exchange ports (B1A-BP) for use with an external recirculation pump.

**Includes:** Main buffer chamber, SuperSafe® lid with attached power supply leads, EasyCast gasketed UVT gel tray, two double-sided combs:

6 & 10 well, 1.0/1.5mm thick

**Warranty\*:** Three years

**Certifications:** CE marked

Cat. No.	Description	Horizontal System	Gel Size (L x W)	Footprint (L x W x H)	Running Buffer Volume	Sample Range
<b>B1A</b>	EasyCast	Mini	8 x 7cm	16 x 10.5 x 9.5cm (6.31 x 4.13 x 3.75in.)	400mL	5 to 24
<b>B1A-BP</b>	EasyCast w/Buffer exchange ports	Mini	8 x 7cm	16 x 10.5 x 9.5cm (6.31 x 4.13 x 3.75in.)	400mL	5 to 24

### Thermo Scientific Owl EasyCast B1A Mini Gel System Replacement Parts

- Power supply leads include a retractable sheath end for convenience and safety
- Power supply leads are manufactured with strain relief cord to prevent breakage

Cat. No.	Description
<b>PSL-5</b>	Power supply leads, 3 ft. (includes One black and one red lead)
<b>B1A-UVT</b>	EasyCast gasketed rapid load UVT gel tray with 12 slots and 12 rapid load combs (B2-RL-9D)
<b>B1A-GK</b>	Replacement gaskets (1 pair)
<b>B1A-CST</b>	External caster (trays & combs not included)



### Thermo Scientific Owl Leveling Platform

- Three-point leveling platform ensures flat casting and running surface Includes bubble level

Cat. No.	Description	Dimensions
<b>BBL-1</b>	Bubble Level	N/A
<b>B-LP</b>	Leveling Platform	36 x 46cm

### Thermo Scientific Owl EasyCast B1A Mini Gel Electrophoresis System Combs

Cat. No.†	Description	Thickness /Width of Teeth	RECOMMENDED LOADING VOLUMES Calculated at 75% of total well volume			
			0.25cm gel thickness	0.5cm gel thickness	0.75cm gel thickness	1.0cm gel thickness
<b>B1A-5C</b>	Standard comb; 5 teeth	1.0mm / 11.3mm	8µL	30µL	51µL	72µL
<b>B1A-5D</b>	Standard comb; 5 teeth	1.5mm / 11.3mm	13µL	44µL	76µL	108µL
<b>B1A-6</b>	Double-sided comb; 6 teeth	1.0 / 1.5mm / 9.1 / 9.1mm	7 / 10µL	24 / 36µL	41 / 61µL	58 / 87µL
<b>B1A-8</b>	Double-sided comb; 8 teeth	1.0 / 1.5mm / 6.4 / 6.4mm	5 / 7µL	17 / 25µL	29 / 43µL	41 / 61µL
<b>B1A-10</b>	Double-sided comb; 10 teeth	1.0 / 1.5mm / 4.8 / 4.8mm	4 / 5µL	13 / 19µL	21 / 32µL	30 / 46µL
<b>B1A-12</b>	Double-sided comb; 12 teeth	1.0 / 1.5mm / 3.7 / 3.7mm	3 / 4µL	10 / 14µL	16 / 25µL	23 / 35µL
<b>B1A-PREP</b>	Prep comb; 2 teeth	1.5mm / 57 / 5 mm	64 / 6µL	225 / 19µL	385 / 32µL	550 / 46µL

† Customized combs are available (Order SKU # XCM). Please contact your Customer Service Representative for further details.