

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 florescent 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 heavy-duty, one-piece, 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
B1A	EasyCast	Mini	8 x 7cm	16 x 10.5 x 9.5cm (6.31 x 4.13 x 3.75in.)	400mL	5 to 24
B1A-BP	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
PSL-5	Power supply leads, 3 ft. (includes One black and one red lead)
B1A-UVT	One black and one red lead EasyCast gasketed UVT gel tray
B1A-GK	Replacement gaskets (1 pair)
B1A-CST	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
BBL-1	Bubble Level	N/A
B-LP	Leveling Platform	36 x 46cm

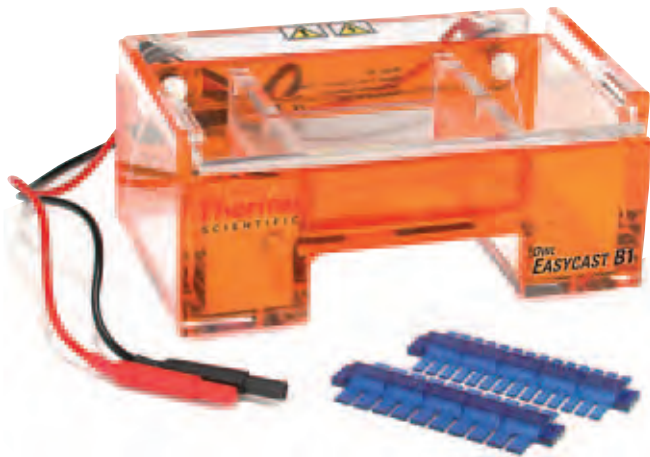
Thermo Scientific Owl EasyCast B1A Mini Gel Electrophoresis System Combs

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
B1A-5C	Standard comb; 5 teeth	1.0mm / 11.3mm	8µL	30µL	51µL	72µL
B1A-5D	Standard comb; 5 teeth	1.5mm / 11.3mm	13µL	44µL	76µL	108µL
B1A-6	Double-sided comb; 6 teeth	1.0 / 1.5mm / 9.1 / 9.1mm	7 / 10µL	24 / 36µL	41 / 61µL	58 / 87µL
B1A-8	Double-sided comb; 8 teeth	1.0 / 1.5mm / 6.4 / 6.4mm	5 / 7µL	17 / 25µL	29 / 43µL	41 / 61µL
B1A-10	Double-sided comb; 10 teeth	1.0 / 1.5mm / 4.8 / 4.8mm	4 / 5 µL	13 / 19µL	21 / 32µL	30 / 46µL
B1A-12	Double-sided comb; 12 teeth	1.0 / 1.5mm / 3.7 / 3.7mm	3 / 4µL	10 / 14µL	16 / 25µL	23 / 35µL
B1A-PREP	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.

Thermo Scientific Owl EasyCast B1 Mini Gel Electrophoresis Systems

Durability and ease of use makes this the perfect choice for students and high volume researchers



- Economical enough for every researcher to have one at their workstation
- Leakproof casting that allows a gel to be cast and run in the same chamber with no tape or additional parts required
- Offers a wide range of combs
- Two comb slots on gel tray double sample capacity by doubling number of sample wells
- UVT gel trays are silk screened with a florescent ruler for easy measurement of bands

Ordering Information: Available with optional buffer exchange ports, (B1-BP), for use with an external recirculation pump. Please order using Cat. No. B1 when ordering the EasyCast system without buffer exchange ports.

Includes: Main buffer chamber, SuperSafe* lid with attached power supply leads, EasyCast Gasketed UVT gel tray, two Combs: 10 & 14 Well, Double-sided, 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
B1	EasyCast	Mini	11 x 9cm	22 x 15 x 9.5cm (8.63 x 5.88 x 3.75in.)	600mL	5 to 34
B1-BP	EasyCast w/buffer exchange ports	Mini	11 x 9cm	22 x 15 x 9.5cm (8.63 x 5.88 x 3.75in.)	600mL	5 to 34

Thermo Scientific Owl EasyCast B1 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
PSL-5	Power supply leads, 3 ft. (includes one black and one red lead)
B1-UVT	Gasketed UVT Gel Tray
B1-GK	GK Replacement Gaskets (1 pair)
B1-CST	CST External Caster (trays and combs not included)