

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 fluorescent 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^Y: 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)

Thermo Scientific Owl Leveling Platform



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

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

Thermo Scientific Owl EasyCast B1 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
B1-5C	Standard 5-tooth comb	1.0mm / 15.4mm	12µL	40µL	69µL	98µL
B1-5D	Standard 5-tooth comb	1.5mm / 15.4mm	17µL	61µL	104µL	147µL
B1-8C	Standard 8-tooth comb	1.0mm / 9.0mm	7µL	24µL	40µL	57µL
B1-8D	Standard 8-tooth comb	1.5mm / 9.0mm	10µL	35µL	61µL	86µL
B1-10	Double-sided 10 tooth comb	1.0 / 1.5mm / 6.8 / 6.8mm	5 / 8µL	18 / 27µL	31 / 46µL	43 / 65µL
B1-12C	Standard 12 tooth comb	1.0mm / 5.4mm	4µL	14µL	24µL	34µL
B1-12D	Standard 12 tooth comb	1.5mm / 5.4mm	6µL	21µL	36µL	51µL
B1-14	Double-sided 14 tooth comb	1.0 / 1.5mm / 4.4 / 4.4mm	3 / 5µL	11 / 17µL	20 / 29µL	28 / 42µL
B1-RL-9C‡	Rapid-load 9 tooth (1X) comb	1.0mm / 7.2mm	5µL	19µL	32µL	46µL
B1-RL-9D‡	Rapid-load 9 tooth (1X) comb	1.5mm / 7.2mm	8µL	28µL	49µL	69µL
B1-RL-17C‡	Rapid-load 17 tooth (2X) comb	1.0mm / 2.5mm	2µL	7µL	12µL	17µL
B1-RL-17D‡	Rapid-load 17 tooth (2X) comb	1.5mm / 2.5mm	3µL	11µL	18µL	26µL
B1-PREP	Prep comb	1.5mm / 78 / 5mm	90 / 6µL	310 / 19µL	525 / 32µL	750 / 46µL

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

‡ 8 and 12-channel pipette format (1X) and (2X) combs.