

Thermo Scientific Owl EasyCast B2 Mini Gel Electrophoresis Systems

Outstanding flexibility in a small footprint



- Our most popular system with simple to use casting method, and multiple comb and tray options
- Leakproof casting allows a gel to be cast and run in the same chamber with no tape or additional parts required.
- Longer gel length and the 2 comb slots provide the flexibility of running 8 to 48 samples on 1 gel
- Optional rapid load tray can increase the maximum number of samples to 108 in an 8 or 12 multichannel pipette format.
- 2 comb slots on the U.V. Transmissible (UVT) gel tray double sample capacity by doubling the 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 (B2-BP) for use with an external recirculation pump.

Includes: Buffer chamber, SuperSafe* lid with attached power supply leads, EasyCast gasketed U.V. Transmissible (UVT) gel tray, 2 combs: 12 & 20 well, double-sided, 1.0/1.5 mm 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
B2	EasyCast	Mini	14 x 12cm	24.5 x 18 x 9.5cm (9.63 x 7.06 x 3.75in.)	800mL	8 to 48
B2-BP	EasyCast w/buffer exchange ports	Mini	14 x 12cm	24.5 x 18 x 9.5cm (9.63 x 7.06 x 3.75in.)	800mL	8 to 48

Thermo Scientific Owl EasyCast 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)
B2-UVT	EasyCast gasketed UVT gel tray
B2-GK	Replacement gaskets (1 pair)

Thermo Scientific Owl EasyCast B2 Mini Gel System Accessories

Cat. No.	Description
B2-RL-UVT	EasyCast gasketed rapid load UVT gel tray with 12 slots
B2-RL	EasyCast gasketed rapid load UVT gel tray with 12 slots and 12 rapid load combs, B2-RL-9D
B2-CST	External caster for casting up to 3 gels at once (trays & 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 B2 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
B2-8C	Standard 8-tooth comb	1.0mm / 12.5mm	9µL	33µL	56µL	80µL
B2-8D	Standard 8-tooth comb	1.5mm / 12.5mm	14µL	49µL	84µL	120µL
B2-12	Double-sided 12 tooth comb	1.0 & 1.5mm / 7.2mm	5 / 8 µL	18 / 28µL	32 / 49µL	46 / 69µL
B2-16	Double-sided 16 tooth comb	1.0 & 1.5mm / 5.4mm	4 / 6µL	14 / 21µL	24 / 36µL	34 / 52µL
B2-20	Double-sided 20 tooth comb	1.0 & 1.5mm / 3.9mm	3 / 4µL	10 / 15µL	18 / 26µL	25 / 37µL
B2-24	Double-sided 24 tooth comb	1.0 & 1.5mm / 3.0mm	2 / 3µL	8 / 12µL	14 / 20µL	19 / 29µL
B2-RL-9C‡	Rapid-load 9 tooth (1X) comb	1.0mm / 7.2mm	5µL	19µL	32µL	46µL
B2-RL-9D‡	Rapid-load 9 tooth (1X) comb	1.5mm / 7.2mm	8µL	28µL	49µL	69µL
B2-RL-25C‡	Rapid-load 25 tooth (2X) comb	1.0mm / 2.5mm	2µL	7µL	12µL	17µL
B2-RL-25D‡	Rapid-load 25 tooth (2X) comb	1.5mm / 2.5mm	3µL	11µL	18µL	26µL
B2-PREP	Prep comb w/2 teeth	1.5mm / 106 / 5	120 / 5.5µL	415 / 20µL	710 / 34µL	1000 / 48µL
B2-WALL	Wall comb w/1 tooth	1.5mm / 120	—	—	—	—

† 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.