

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) |

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.