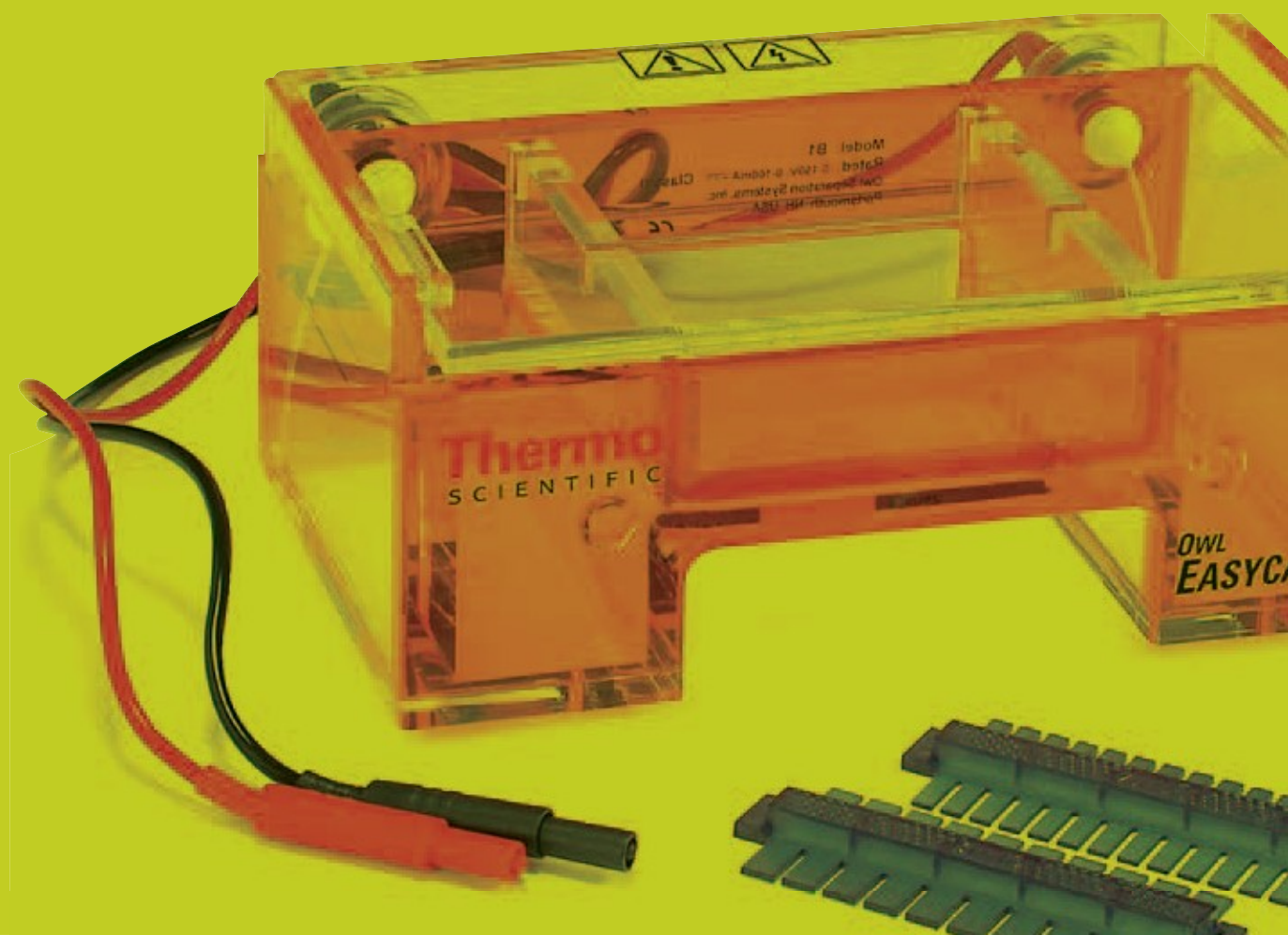


electrophoresis

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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)

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.

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 multi 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 florescent 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 × W)	Footprint (L × W × H)	Running Buffer Volume	Sample Range
B2	EasyCast	Mini	14 × 12cm	24.5 × 18 × 9.5cm (9.63 × 7.06 × 3.75in.)	800mL	8 to 48
B2-BP	EasyCast w/buffer exchange ports	Mini	14 × 12cm	24.5 × 18 × 9.5cm (9.63 × 7.06 × 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-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.	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.

Thermo Scientific Owl EasyCast B3 Gel System with Built-In Recirculation

Built-in Recirculation is ideal for long runs, multiple sample sets or RNA gels



- Prevent the formation of pH and ionic gradients
- Provide high resolution and uniform, reproducible results
- Deliver clear results for samples run over long time periods
- Do not require external pumps, tubing or stir bars, because recirculation system is built into buffer chamber
- Eliminate uneven migration, band distortion or disassociation of pH-dependent glyoxylated RNA molecules that can result when ionic depletion occurs

Includes: Mini gel system that consists of buffer chamber, SuperSafe® lid with attached power supply leads, EasyCast® gasketed UVT gel tray, as well as 12- and 20-well, double-sided 1.0/1.5mm thick combs.

Warranty^Y: Three years

Certifications: CE marked

Cat. No.	Description	Horizontal System	Gel Size (L × W)	Footprint (L × W × H)	Running Buffer Volume	Sample Range
B3	EasyCast	Mini	14 × 12cm	25 × 18 × 12cm (9.75 × 7 × 4.72in.)	1000mL	8 to 50

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 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-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.	Type	Dimensions
BBL-1	Bubble Level	N/A
B-LP	Leveling Platform	36 x 46cm

Thermo Scientific Owl EasyCast B3 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.

Thermo Scientific Owl D2 Wide-Gel Electrophoresis Systems

Run from 10 to 80 samples on one gel



- Wide gel size allows 15 or 30 samples to be loaded per row with a micro well comb
- Using special combs and a multichannel pipetter, samples may be loaded directly from a 96-well plate, 8 or 12 at a time
- Excellent for screening PCR samples or routine DNA fragment analysis
- Small footprint saves space on lab bench
- Incorporates EasyCast* casting design with external caster — gel tray is fitted with gasket, allowing it to fit snugly into caster and providing a leakproof seal without tape
- Electrode placement allows gel to be run quickly without compromising resolution

Includes: Buffer chamber, SuperSafe* lid with attached power supply leads, EasyCast gasketed UVT gel tray, external multiple gel caster, four combs (two 30-well and two 40-well, 1.5mm thick).
Warranty[†]: Three years
Certifications: CE marked

Cat. No.	Horizontal System	Gel Size (L × W)	Footprint (L × W × H)	Running Buffer Volume	Sample Range
D2	Wide	14.4 × 10.2cm	19 × 20 × 10cm (7.38 × 7.75 × 4in.)	600mL	10 to 80
D2-BP	Wide w/buffer exchange ports	14.4 × 10.2cm	19 × 20 × 10cm (7.38 × 7.75 × 4in.)	600mL	10 to 80

Thermo Scientific Owl D2 Wide-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
- UVT gel tray incorporates gasketed end gates which provide a leakproof seal without tape
- Comb slots are positioned so you can arrange up to 12 sample sets on the same gel

Cat. No.	Description
PSL-5	Power supply leads, 3 ft. (Includes one black and one red lead)
D2-UVT	EasyCast gasketed UVT gel tray
D2-GK	Replacement gaskets (1 pair)
D2-CST	External caster (no trays/combs)



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 D2 Wide-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
D1-10C	Standard 10-tooth comb	1.0mm / 12.2mm	9µL	32µL	55µL	78µL
D1-10D	Standard 10-tooth comb	1.5mm / 12.2mm	14µL	48µL	82µL	117µL
D1-20C	Standard 20-tooth comb	1.0mm / 5.2mm	4µL	14µL	23µL	33µL
D1-20D	Standard 20-tooth comb	1.5mm / 5.2mm	6µL	20µL	35µL	50µL
D1-30C‡	Micro well 30-tooth (2X) comb	1.0mm / 2.7mm	5µL	19µL	32µL	46µL
D1-30D‡	Micro well 30-tooth (2X) comb	1.5mm / 2.7mm	8µL	28µL	49µL	69µL
D1-40C	Standard 40-tooth comb	1.0mm / 1.7mm	1µL	4µL	8µL	11µL
D1-40D	Standard 40-tooth comb	1.5mm / 1.7mm	2µL	7µL	11µL	16µL
D1-MTC‡	Micro well 15-tooth (1X) comb	1.0mm / 7.2mm	5µL	19µL	32µL	46µL
D1-MTD‡	Micro well 15-tooth (1X) comb	1.5mm / 7.2mm	8µL	28µL	49µL	69µL
D2-RL-9C‡	Rapid load 9-tooth (1X) comb	1.0mm / 7.2mm	5µL	19µL	32µL	46µL
D2-RL-9D‡	Rapid load 9-tooth (1X) comb	1.5mm / 7.2mm	8µL	28µL	48µL	69µL
D2-RL-25C‡	Rapid load 25-tooth (2X) comb	1.0mm / 2.5mm	2µL	7µL	12µL	17µL
D2-RL-25D‡	Rapid load 25-tooth (2X) comb	1.5mm / 2.5mm	3µL	11µL	18µL	26µL

† 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.

Thermo Scientific Owl D3-14 Horizontal Electrophoresis System

Ideal for screening PCR products, plasmid preps, restriction mapping and cloning



- System screens 25 to 200 samples on a single agarose gel in less than 30 minutes, producing clear, tight banding patterns with no “smiling”
- With special combs and a multichannel pipetter, samples are loaded directly from a 96-well plate, 8 or 12 at a time
- Incorporates our Owl™ EasyCast* casting design with external caster — gel tray is fitted with gasket, allowing it to fit snugly into caster and providing a leakproof seal without tape
- Sample loading with multichannel pipetter speeds up transfer
- Electrode placement allows gel to be run quickly without compromising resolution
- Bubble level ensures casting of flat, uniformly thick gels

Includes: Buffer chamber, SuperSafe* lid with attached power cords, EasyCast* gasketed UVT gel tray, external caster, four combs (50 micro well, 1.5mm thick).

Warranty[†]: Three years

Certifications: CE marked

Cat. No.	Horizontal System	Gel Size (L × W)	Footprint (L × W × H)	Running Buffer Volume	Sample Range
D3-14	Wide	14 × 23cm	30 × 27 × 11cm (11.8 × 10.6 × 4.3in.)	800mL	25 to 200

Thermo Scientific Owl D3-14 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
- UVT gel tray incorporates gasketed end gates which provide a leakproof seal without tape
- Comb slots are positioned so you can arrange up to 12 sample sets on the same gel

Cat. No.	Description
PSL-5	Power supply leads, 3 ft. (Includes one black and one red lead)
D3-UVT-14	EasyCast* gasketed UVT Gel Tray
D3-GK	Replacement gaskets (1 pair)
D3-CST-14	External caster (no trays/combs)



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 Casting Dams

- Seal agarose on contact, eliminating the need for tape
- Do not attach to gel tray, enabling gels of any length to be poured
- Easily handled and maneuvered using knob or finger depressions
- High-quality aluminum dam blocks off a portion of UVT gel tray, allowing shorter gels to be cast and run in one device

Cat. No.	Description
DAM-23	Chameleon casting dam; 23cmW

Thermo Scientific Owl D3-14 Horizontal 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
D3-MTC‡	Micro well 25 (1X)-tooth comb	1.0mm / 7.5mm	6µL	20µL	34µL	48µL
D3-MTD‡	Micro well 25 (1X)-tooth comb	1.5mm / 7.5mm	8µL	30µL	51µL	72µL
D3-MT2C‡	Micro well 50 (2X)-tooth comb	1.0mm / 3mm	2µL	8µL	14µL	19µL
D3-MT2D‡	Micro well 50 (2X)-tooth comb	1.5mm / 3mm	3µL	12µL	20µL	29µL
D3-WALL	Wall comb, 1 tooth	1.5mm / 230mm	—	—	—	—

† 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.

Thermo Scientific Owl A6 Horizontal Electrophoresis System

Ideal for high-throughput laboratories



- System screens 25 to 500 samples on a single agarose gel, producing clear, tight banding patterns with no “smiling”
- Gel tray’s unique comb-slot design allows use of up to 10 evenly spaced combs
- With special combs and a multichannel pipetter, samples are loaded directly from a 96-well plate, 8 or 12 at a time
- Incorporates unique end-gate casting design — gel tray is fitted with gasketed end gates which provide a leakproof seal without tape
- Sample loading with multichannel pipetter speeds up transfer
- Bubble level ensures casting of flat, uniformly thick gels

Includes: Buffer chamber with three-point leveling base, SuperSafe* lid with attached power supply leads, UVT gel tray with gasketed end gates, four combs (two 25-well and two 50-well, 1.5mm thick)

Warranty*: Three years

Certifications: CE marked

Cat. No.	Horizontal System Description	Gel Size (L × W)	Footprint (L × W × H)	Running Buffer Volume	Sample Range
A6	Wide	25 × 23cm	35 × 38 × 11cm (13.75× 14.94 × 4.38in.)	3.0L	25 to 500

Thermo Scientific Owl A6 Wide Gel Electrophoresis 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
- UVT gel tray incorporates gasketed end gates which provide a leakproof seal without tape

Cat. No.	Description
PSL-5	Power supply leads, 3 ft. (Includes one black and one red lead)
A6-UVT	UVT gel tray with gasketed end gates
A3-GK-1	Replacement gaskets (1 pair)
A3-1-EG	Replacement end gates (1 pair)



Thermo Scientific Owl Leveling Platform

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

Cat. No.	Type
BBL-1	Bubble Level



Thermo Scientific Owl Casting Dams

- Seal agarose on contact, eliminating the need for tape
- Do not attach to gel tray, enabling gels of any length to be poured
- Easily handled and maneuvered using knob or finger depressions
- High-quality aluminum dam blocks off a portion of UVT gel tray, allowing shorter gels to be cast and run in one device

Cat. No.	Description
DAM-23	Chameleon casting dam; 23cmW

Thermo Scientific Owl A6 Horizontal 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
D3-MTC‡	Microwell 25 (1X)-tooth comb	1.0mm / 7.5mm	6µL	20µL	34µL	48µL
D3-MTD‡	Microwell 25 (1X)-tooth comb	1.5mm / 7.5mm	8µL	30µL	51µL	72µL
D3-MT2C‡	Microwell 50 (2X)-tooth comb	1.0mm / 3mm	2µL	8µL	14µL	19µL
D3-MT2D‡	Microwell 50 (2X)-tooth comb	1.5mm / 3mm	3µL	12µL	20µL	29µL
D3-WALL	Wall comb, 1 tooth	1.5mm / 230mm	—	—	—	—

† 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.

Thermo Scientific Owl A3-1 Large-Gel Electrophoresis System

Well-suited for plant genomics studies



- Horizontal system can run from 25 to 600 samples on one gel
- Gel can be cast in varying lengths to help conserve agarose when fewer samples need to be run
- Built-in buffer exchange ports allow for buffer recirculation on extended runs
- UVT gel tray has gasketed end gates for leakproof seal without tape
- Built-in leveling ensures flat, uniformly thick gels
- Large number of comb slots provides sample number and resolving distance flexibility
- Microwell-format combs provide fast, error-free sample loading with a multichannel pipetter
- Samples may be loaded directly from a 96-well plate, 8 or 12 at a time

Includes: Buffer chamber with three-point leveling base, SuperSafe* lid with attached power supply leads, UVT gel tray, four combs

(two 25- and two 50-well), built-in buffer exchange ports and bubble level

Warranty*: Three years

Certifications: CE marked

Cat. No.	Horizontal System	Gel Size (L × W)	Footprint (L × W × H)	Running Buffer Volume	Sample Range
A3-1	Large	40 × 23cm	53 × 32 × 11cm (20.63 × 12.5 × 4.25in.)	4.5L	25 to 600

Thermo Scientific Owl A3-1 Large 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)
A3-UVT-1	UVT gel tray with gasketed end gates
A3-1-EG	Replacement end gates (1 pair)
A3-GK-1	Replacement gaskets (1 pair)



Thermo Scientific Owl Leveling Platform

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

Cat. No.	Type
BBL-1	Bubble Level



Thermo Scientific Owl Casting Dams

- Seal agarose on contact, eliminating the need for tape
- Do not attach to gel tray, enabling gels of any length to be poured
- Easily handled and maneuvered using knob or finger depressions
- High-quality aluminum dam blocks off a portion of UVT gel tray, allowing shorter gels to be cast and run in one device

Cat. No.	Description
DAM-23	Chameleon casting dam; 23cmW

Thermo Scientific Owl A3-1 Horizontal 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
D3-MTC‡	Microwell 25 (1X)-tooth comb	1.0mm / 7.5mm	6µL	20µL	34µL	48µL
D3-MTD‡	Microwell 25 (1X)-tooth comb	1.5mm / 7.5mm	8µL	30µL	51µL	72µL
D3-MT2C‡	Microwell 50 (2X)-tooth comb	1.0mm / 3mm	2µL	8µL	14µL	19µL
D3-MT2D‡	Microwell 50 (2X)-tooth comb	1.5mm / 3mm	3µL	12µL	20µL	29µL
D3-WALL	Wall comb, 1 tooth	1.5mm / 230mm	—	—	—	—

† 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.

Thermo Scientific Owl A1 Large Gel Systems

Smallest footprint of a large format device, and is ideal for detailed RNA/DNA analysis



- Gel can be cast in varying lengths to help conserve agarose when fewer samples need to be run
- Optional built-in buffer exchange ports allow for buffer recirculation on extended runs
- Programmable power inverter may be used for field reversal electrophoresis
- UVT gel tray has gasketed end gates for leakproof seal without tape
- Built-in leveling ensures flat, uniformly thick gels
- Comb slots allow two, three or four sample sets of equal lengths to be run on the same gel
- Microwell-format combs provide fast, error-free sample loading with a multichannel pipetter
- Samples may be loaded directly from a 96-well plate, 8 or 12 at a time

Includes: Buffer chamber with three-point leveling base, SuperSafe* lid with attached power supply leads, UVT gel tray, gasketed end gates, three combs (12, 16 and 20-well), 1.5mm thick
Warranty*: Three years
Certifications: CE marked

Cat. No.	Horizontal System	Gel Size (L × W)	Footprint (L × W × H)	Running Buffer Volume	Sample Range
A1	Large	25 × 13cm	37.5 × 21.5 × 11cm (14.8 × 8.5 × 4.3in.)	1.6L	8 to 150
A1-BP	Large, w/buffer exchange ports	25 × 13cm	37.5 × 21.5 × 11cm (14.8 × 8.5 × 4.3in.)	1.6L	8 to 150

Thermo Scientific Owl A1 Large 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
- Unique electrode placement allows this gel to be run quickly without compromising the resolution
- UVT gel tray incorporates gasketed end gates which provide a leakproof seal without tape

Cat. No.	Description
PSL-5	Power supply leads, 3 ft. (Includes one black and one red lead)
A1-UVT	UVT gel tray with gasketed end gates
A1-GK	Replacement gaskets (1 pair)
A1-EG	Replacement end gates (1 pair)



Thermo Scientific Owl Leveling Platform

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

Cat. No.	Type
BBL-1	Bubble Level



Thermo Scientific Owl Casting Dams

- Seal agarose on contact, eliminating the need for tape
- Do not attach to gel tray, enabling gels of any length to be poured
- Easily handled and maneuvered using knob or finger depressions
- High-quality aluminum dam blocks off a portion of UVT gel tray, allowing shorter gels to be cast and run in one device

Cat. No.	Description
DAM-13	Chameleon casting dam; 13cmW

Thermo Scientific Owl A1 Large 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
A1-8C	Standard 8-tooth comb	1.0mm / 13.9mm	10µL	36µL	63µL	89µL
A1-8D	Standard 8-tooth comb	1.5mm / 13.9mm	16µL	55µL	95µL	133µL
A1-12C	Standard 12-tooth comb	1.0mm / 8.7mm	7µL	23µL	39µL	55µL
A1-12D	Standard 12-tooth comb	1.5mm / 8.7mm	10µL	34µL	59µL	83µL
A1-16C	Standard 16-tooth comb	1.0mm / 6.1mm	5µL	16µL	27µL	39µL
A1-16D	Standard 16-tooth comb	1.5mm / 6.1mm	7µL	24µL	41µL	58µL
A1-20C	Standard 20-tooth comb	1.0mm / 4.5mm	3µL	12µL	20µL	29µL
A1-20D	Standard 20-tooth comb	1.5mm / 4.5mm	5µL	18µL	30µL	43µL
A1-24C	Standard 24-tooth comb	1.0mm / 3.5mm	3µL	9µL	16µL	22µL
A1-24D	Standard 24-tooth comb	1.5mm / 3.5mm	4µL	14µL	24µL	33µL
A1-MTC‡	Micro well 14 (1X) tooth comb	1.0mm / 7.2mm	5µL	19µL	32µL	46µL
A1-MTD‡	Micro well 14 (1X) tooth comb	1.5mm / 7.2mm	8µL	28µL	49µL	69µL
A1-RL-9C‡	Rapid load 9 (1X) tooth comb	1.0mm / 7.2mm	5µL	19µL	32µL	46µL
A1-RL-9D‡	Rapid load 9 (1X) tooth comb	1.5mm / 7.2mm	8µL	28µL	49µL	69µL
A1-RL-25C‡	Rapid load 25 (2X) tooth comb	1.0mm / 2.5mm	2µL	7µL	12µL	17µL
A1-RL-25D‡	Rapid load 25 (2X) tooth comb	1.5mm / 2.5mm	3µL	11µL	18µL	26µL
A1-PREP	Prep 2-tooth comb	1.5mm / 117 / 5mm	130 / 6µL	455 / 20µL	775 / 34µL	1100 / 48µL
A1-WALL	Wall 1-tooth comb	1.5mm / 130mm	—	—	—	—

† 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.

Thermo Scientific Owl A2 Large Gel Systems

Ideal for detailed RNA/DNA analysis and handle high throughput with consistent, reliable results



- Gel can be cast in varying lengths to help conserve agarose when fewer samples need to be run
- Optional built-in buffer exchange ports allow for buffer recirculation on extended runs
- UVT gel tray has gasketed end gates for leakproof seal without tape
- Built-in leveling ensures flat, uniformly thick gels
- Comb slots allow two, three or four sample sets of equal lengths to be run on the same gel
- Microwell-format combs provide fast, error-free sample loading with a multichannel pipetter
- Samples may be loaded directly from a 96-well plate, 8 or 12 at a time
- Offers the greatest variety of comb options

Includes: Buffer chamber with three-point leveling base, SuperSafe* lid with attached power supply leads, UVT gel tray, gasketed end gates, three combs (16, 24 and 36-well), 1.5mm thick
Warranty*: Three years
Certifications: CE marked

Cat. No.	Horizontal System	Gel Size (L x W)	Footprint (L x W x H)	Running Buffer Volume	Sample Range
A2	Large	25 x 20cm	37.5 x 32.5 x 10.5cm (14.8 x 12.8 x 4.1in.)	2.3L	8 to 432
A2-BP	Large, w/buffer exchange ports	25 x 20cm	37.5 x 32.5 x 10.5cm (14.8 x 12.8 x 4.1in.)	2.3L	8 to 432

Thermo Scientific Owl A2 Large 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)
A2-UVT	UVT gel tray with gasketed end gates
A2-GK	Replacement gaskets (1 pair)
A2-EG	Replacement end gates (1 pair)

Thermo Scientific Owl Leveling Platform

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

Cat. No.	Type
BBL-1	Bubble Level





Thermo Scientific Owl Casting Dams

- Seal agarose on contact, eliminating the need for tape
- Do not attach to gel tray, enabling gels of any length to be poured
- Easily handled and maneuvered using knob or finger depressions
- High-quality aluminum dam blocks off a portion of UVT gel tray, allowing shorter gels to be cast and run in one device

Cat. No.	Description
DAM-20	Chameleon casting dam; 20cmW

Thermo Scientific Owl 24-slot Rapid Load UVT Gel Trays

- Enable multiple sample loading

Cat. No.	Description
A2-RL-UVT	24-slot rapid load UVT gel tray with gasketed end gates
A2-RL-12	24-slot rapid load UVT gel tray with (12) 18-well combs
A2-RL-24	24-slot rapid load UVT gel tray with (24) 18-well combs

Thermo Scientific Owl A2 Large 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
A2-8C	Standard 8-tooth comb	1.0mm / 22.7mm	17µL	59µL	102µL	144µL
A2-8D	Standard 8-tooth comb	1.5mm / 22.7mm	25µL	89µL	153µL	217µL
A2-12C	Standard 12-tooth comb	1.0mm / 14.5mm	11µL	38µL	65µL	92µL
A2-12D	Standard 12-tooth comb	1.5mm / 14.5mm	16µL	57µL	98µL	138µL
A2-16C	Standard 16-tooth comb	1.0mm / 10.5mm	8µL	27µL	47µL	67µL
A2-16D	Standard 16-tooth comb	1.5mm / 10.5mm	12µL	41µL	70µL	100µL
A2-20C	Standard 20-tooth comb	1.0mm / 8.0mm	6µL	21µL	36µL	51µL
A2-20D	Standard 20-tooth comb	1.5mm / 8.0mm	9µL	32µL	54µL	77µL
A2-24C	Standard 24-tooth comb	1.0mm / 6.5mm	5µL	17µL	29µL	41µL
A2-24D	Standard 24-tooth comb	1.5mm / 6.5mm	7µL	25µL	43µL	61µL
A2-28C	Standard 28-tooth comb	1.0mm / 5.0mm	4µL	14µL	23µL	33µL
A2-28D	Standard 28-tooth comb	1.5mm / 5.0mm	6µL	20µL	35µL	50µL
A2-32C	Standard 32-tooth comb	1.0mm / 4.0mm	3µL	11µL	19µL	27µL
A2-32D	Standard 32-tooth comb	1.5mm / 4.0mm	5µL	17µL	29µL	41µL
A2-36C	Standard 36-tooth comb	1.0mm / 3.5mm	3µL	10µL	17µL	24µL
A2-36D	Standard 36-tooth comb	1.5mm / 3.5mm	4µL	15µL	25µL	35µL
A2-MTC‡	Micro well 21 (1X)-tooth comb	1.0mm / 7.2mm	5µL	19µL	32µL	46µL
A2-MTD‡	Micro well 21 (1X)-tooth comb	1.5mm / 7.2mm	8µL	28µL	49µL	69µL
A2-MT2C‡	Micro well 42 (2X)-tooth comb	1.0mm / 2.7mm	2µL	7µL	12µL	17µL
A2-MT2D‡	Micro well 42 (2X)-tooth comb	1.5mm / 2.7mm	3µL	11µL	18µL	26µL
A2-RL-18D‡	Rapid Load 18 (1X)-tooth comb	1.5mm / 7.2mm	8µL	28µL	49µL	69µL
A2-PREP	Prep comb with 2 teeth	1.5mm / 187 / 5mm	211 / 5.5µL	736 / 20µL	1263 / 34µL	1789 / 48µL
A2-WALL	Wall comb with 1 tooth	1.5mm / 130mm	—	—	—	—

† 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.

Thermo Scientific Owl A5 Large Gel System

Features built-in recirculation, and are ideal for long runs, multiple sample sets or RNA gels



- Prevent the formation of pH and ionic gradients
- Provide high resolution and uniform, reproducible results
- Deliver clear results for samples run over long time periods
- Do not require external pumps, tubing or stir bars, because recirculation system is built into buffer chamber
- Eliminate uneven migration, band distortion or disassociation of pH-dependent glyoxylated RNA molecules that can result when ionic depletion occurs

Includes: Large gel system that consists of buffer chamber with three-point leveling base, Supersafe lid with attached power supply leads, UVT gel tray with gasketed end gates, as well as 16-, 24-, and 36-well, 1.5m thick combs.

Warranty*: Three years

Certifications: CE marked

Cat. No.	Horizontal System	Gel Size (L x W)	Footprint (L x W x H)	Running Buffer Volume	Sample Range
A5	Large	25 x 20cm	37.5 x 32.5 x 15cm (14.8 x 12.8 x 5.9in.)	2.0L	8 to 432

Thermo Scientific Owl A5 Large 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
- UVT gel tray incorporates gasketed end gates which provide a leakproof seal without tape

Cat. No.	Description
PSL-5	Power supply leads, 3 ft. (includes one black and one red lead)
A2-UVT	UVT gel tray with gasketed end gates
A2-GK	Replacement gaskets (1 pair)
A2-EG	Replacement end gates (1 pair)



Thermo Scientific Owl Leveling Platform

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

Cat. No.	Type
BBL-1	Bubble Level



Thermo Scientific Owl Casting Dams

- Seal agarose on contact, eliminating the need for tape
- Do not attach to gel tray, enabling gels of any length to be poured
- Easily handled and maneuvered using knob or finger depressions
- High-quality aluminum dam blocks off a portion of UVT gel tray, allowing shorter gels to be cast and run in one device

Cat. No.	Description
DAM-20	Chameleon casting dam; 20cmW

Thermo Scientific Owl 24-slot Rapid Load UVT Gel Trays

- Enable multiple sample loading

Cat. No.	Description
A2-RL-UVT	24-slot rapid load UVT gel tray with gasketed end gates
A2-RL-12	24-slot rapid load UVT gel tray with (12) 18-well combs
A2-RL-24	24-slot rapid load UVT gel tray with (24) 18-well combs

Thermo Scientific Owl A5 Large 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
A2-8C	Standard 8-tooth comb	1.0mm / 22.7mm	17µL	59µL	102µL	144µL
A2-8D	Standard 8-tooth comb	1.5mm / 22.7mm	25µL	89µL	153µL	217µL
A2-12C	Standard 12-tooth comb	1.0mm / 14.5mm	11µL	38µL	65µL	92µL
A2-12D	Standard 12-tooth comb	1.5mm / 14.5mm	16µL	57µL	98µL	138µL
A2-16C	Standard 16-tooth comb	1.0mm / 10.5mm	8µL	27µL	47µL	67µL
A2-16D	Standard 16-tooth comb	1.5mm / 10.5mm	12µL	41µL	70µL	100µL
A2-20C	Standard 20-tooth comb	1.0mm / 8.0mm	6µL	21µL	36µL	51µL
A2-20D	Standard 20-tooth comb	1.5mm / 8.0mm	9µL	32µL	54µL	77µL
A2-24C	Standard 24-tooth comb	1.0mm / 6.5mm	5µL	17µL	29µL	41µL
A2-24D	Standard 24-tooth comb	1.5mm / 6.5mm	7µL	25µL	43µL	61µL
A2-28C	Standard 28-tooth comb	1.0mm / 5.0mm	4µL	14µL	23µL	33µL
A2-28D	Standard 28-tooth comb	1.5mm / 5.0mm	6µL	20µL	35µL	50µL
A2-32C	Standard 32-tooth comb	1.0mm / 4.0mm	3µL	11µL	19µL	27µL
A2-32D	Standard 32-tooth comb	1.5mm / 4.0mm	5µL	17µL	29µL	41µL
A2-36C	Standard 36-tooth comb	1.0mm / 3.5mm	3µL	10µL	17µL	24µL
A2-36D	Standard 36-tooth comb	1.5mm / 3.5mm	4µL	15µL	25µL	35µL
A2-MTC‡	Micro well 21 (1X)-tooth comb	1.0mm / 7.2mm	5µL	19µL	32µL	46µL
A2-MTD‡	Micro well 21 (1X)-tooth comb	1.5mm / 7.2mm	8µL	28µL	49µL	69µL
A2-MT2C‡	Micro well 42 (2X)-tooth comb	1.0mm / 2.7mm	2µL	7µL	12µL	17µL
A2-MT2D‡	Micro well 42 (2X)-tooth comb	1.5mm / 2.7mm	3µL	11µL	18µL	26µL
A2-RL-18D‡	Rapid Load 18 (1X)-tooth comb	1.5mm / 7.2mm	8µL	28µL	49µL	69µL
A2-PREP	Prep comb with 2 teeth	1.5mm / 187 / 5mm	211 / 5.5µL	736 / 20µL	1263 / 34µL	1789 / 48µL
A2-WALL	Wall comb with 1 tooth	1.5mm / 130mm	—	—	—	—

† 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.

Thermo Scientific Owl A2-OK Multiple Gel Electrophoresis System

Ideal for teaching labs or labs that need to run multiple gels simultaneously



- Up to six 7 x 8cm minigels can be run on one system
- Screen up to 120 samples at once with supplied combs
- EasyCast* casting design permits casting without tape or plugs
- UV-transmissible (UVT) gel trays may be placed directly on the transilluminator for easy photodocumentation
- Teacher can instruct up to 12 students using one system and one power supply

Includes: Buffer chamber with three-point leveling base; SuperSafe* lid with attached power supply leads; Six EasyCast UVT gasketed gel trays; Twelve 10-well, double-sided combs, 1.0/1.5mm thick; Two external multiple gel casters; Gel tray holder
Warranty*: Three years
Certifications: CE marked

Cat. No.	Horizontal System	Gel Size (L x W)	Footprint (L x W x H)	Running Buffer Volume	Sample Range
A2-OK	Teaching	8 x 7cm	37.5 x 32.5 x 10.5cm (14.8 x 12.8 x 4.1in.)	2.3L	5 to 144

Thermo Scientific Owl A2-OK Multi 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
- UVT gel tray incorporates gasketed end gates which provide a leakproof seal without tape

Cat. No.	Description
PSL-5	Power supply leads, 3 ft. (Includes one black and one red lead)
B1A-UVT	EasyCast gasketed UVT gel tray
B1A-GK	Replacement gaskets (1 pair)
B1A-CST	External caster (trays & combs not included)
A2-OT	Gel tray holder for A2-OK large gel system



Thermo Scientific Owl Leveling Platform

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

Cat. No.	Type
BBL-1	Bubble Level

Thermo Scientific Owl A2-OK Multi 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 D4 Horizontal Electrophoresis System

Optimal flexibility while conserving valuable bench space



- Designed to provide flat, even banding patterns and consistent results with hassle-free gel casting — no tape, grease, agarose seals, or other accessories are required
- Run one gel tray (51 samples) in the buffer chamber, or to save bench space, two stacked trays (102 samples)
- Two 16 x 17cm UV Transmissible (UVT) gel trays accommodate up to three combs each, allowing the user to run up to three series of samples equal distances
- Stand-alone casting platform included for casting two gels simultaneously
- A single gel can be cast right in the buffer chamber or in the external caster

Includes: Buffer chamber (buffer volume, 1.8L); three-point leveling base; SuperSafe* lid with attached power supply leads; two UVT gel trays; six 1.5mm thick combs; external gel caster; bubble level

Warranty*: Three years

Certifications: CE marked

Cat. No.	Horizontal System	Gel Size (L x W)	Footprint (L x W x H)	Running Buffer Volume	Sample Range
D4	Space saving	17 x 16cm	23 x 27 x 14cm (9.1 x 10.6 x 5.5in.)	1.8L	17 to 102
D4-BP	Space saving, w/buffer exchange ports	17 x 16cm	23 x 27 x 14cm (9.1 x 10.6 x 5.5in.)	1.8L	17 to 102

Thermo Scientific Owl D4 Horizontal Electrophoresis 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
- UVT gel tray incorporates gasketed end gates which provide a leakproof seal without tape

Cat. No.	Description
PSL-5	Power supply leads, 3 ft. (Includes one black and one red lead)
D4-UVT	EasyCast* gasketed UVT gel tray
D4-GK	Replacement gaskets (1 pair)
D4-CST	External caster



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 D4 Horizontal 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
D4-17C‡	Micro well 17-tooth comb	1.0mm / 7.2mm	5µL	19µL	32µL	46µL
D4-17D‡	Micro well 17-tooth comb	1.5mm / 7.2mm	8µL	28µL	49µL	69µL

† 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.

Thermo Scientific Owl P81 Single-Sided Vertical Electrophoresis System

Economical system for quick protein runs



- Simple, rugged system provides excellent results
- Upper buffer chamber extends the length of the gel to distribute heat evenly across the entire gel surface
- Side clamps press glass plates against silicone gasket to provide uniform pressure and form a leakproof seal resulting in flat, even banding patterns
- Notched alumina ceramic plate (included) may be used in front of notched glass for cooler, faster runs

Includes: Upper and lower buffer chambers, SuperSafe* lid with attached power supply leads, blank glass plate, notched glass plate, notched alumina plate, two combs (10 well, 0.8mm thick), spacer set (0.8mm thick)

Warranty[†]: Three years

Certifications: CE marked

Cat. No.	Vertical System	Gel Size (L x W)	Footprint (L x W x H)	Running Buffer Volume		
				Upper Buffer	Lower Buffer	Total Buffer
P81	Single Sided	10 x 10cm	18 x 8 x 13cm (7.1 x 3.1 x 5.1in.)	100mL	50mL	150mL

Thermo Scientific Owl P81 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	Dimensions
PSL-5	Power supply leads, 3 ft. (one black and one red lead)	—
P81-009	Supersafe* lid with attached power supply leads	—
P81-001	Upper and lower buffer chambers	—
P8-GK	Orange replacement gaskets (1 pair)	—
P8-CL	Side clamps (1 pair)	—
R10446	Wing knob	—
P7-SA	Spacer Set (2 sides, 1 bottom)	0.5cmW x 0.5mm thickness
P7-SC	Spacer Set (2 sides, 1 bottom)	0.5cmW x 0.8mm thickness
P7-SD	Spacer Set (2 sides, 1 bottom)	0.5cmW x 1.5mm thickness
P7-10R	Notched glass	10cmL x 10cmW x $\frac{3}{32}$ " thickness
P7-10G	Blank Glass	10cmL x 10cmW x $\frac{3}{32}$ " thickness
P7-10FR	Frosted notched glass	10cmL x 10cmW x $\frac{3}{32}$ " thickness
P7-10FG	Frosted blank glass	10cmL x 10cmW x $\frac{3}{32}$ " thickness
P7-10RA	Notched alumina plate	10cmL x 10cmW x 1.0mm thickness



Thermo Scientific Owl P8-Series Vertical Electrophoresis System Accessories

Cat. No.	Description	Gel Size (L × W)	Footprint (L × W × H)
JGC-4	Gel Casting System; Compatible with P8DS	10 × 10cm	13 × 13 × 11cm
P7-CST	Gradient Gel Caster	10 × 10cm	13 × 15 × 13cm

Thermo Scientific Owl P8-Series System Combs

Cat. No.†	Description	Thickness of teeth	Width of teeth	EST Well Volume
MP-6A	Standard 6-tooth comb	0.5mm	11.1mm	89µL
MP-6C	Standard 6-tooth comb	0.8mm	11.1mm	142µL
MP-6D	Standard 6-tooth comb	1.5mm	11.1mm	266µL
MP-8A	Standard 8-tooth comb	0.5mm	7.7mm	62µL
MP-8C	Standard 8-tooth comb	0.8mm	7.7mm	99µL
MP-8D	Standard 8-tooth comb	1.5mm	7.7mm	185µL
MP-10A	Standard 10-tooth comb	0.5mm	5.7mm	46µL
MP-10C	Standard 10-tooth comb	0.8mm	5.7mm	73µL
MP-10D	Standard 10-tooth comb	1.5mm	5.7mm	134µL
MP-12A	Standard 12-tooth comb	0.5mm	4.3mm	34µL
MP-12C	Standard 12-tooth comb	0.8mm	4.3mm	55µL
MP-12D	Standard 12-tooth comb	1.5mm	4.3mm	103µL
MP-15A	Standard 15-tooth comb	0.5mm	2.9mm	23µL
MP-20A	Standard 20-tooth comb	0.5mm	1.6mm	13µL

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

Thermo Scientific Owl P82 Dual-Gel Electrophoresis System

Easy to use system produces flat, even banding and crisp resolution



- Runs two 10 x 10cm gels or one gel when used with blocking plate; accommodates 8 x 10cm gels utilizing the provided adapter
- Allows gels to easily be placed into the device
- Wedge placed in front of the cassettes provides even pressure against the leakproof gasket, places the cassettes in proper running position
- Two sizes of wedges accommodate varying thickness of precast gels
- Flexible — use precast polyacrylamide gels or hand cast gels
- No cooling required

Includes: Inner buffer chambers, buffer tank, SuperSafe* lid with attached power supply leads, two wedges (1.27cm thick), two wedges (1.59cm thick), adapter plates for 10 x 8 gels (2) and blocking plate

Warranty*: Three years

Certifications: CE marked

Cat. No.	Vertical System	Gel Size (L x W)	Footprint (L x W x H) (5.88 x 4.75 x 6.69")	Running Buffer Volume		
				Upper Buffer Chamber Vol.	Lower Buffer Chamber Max. Vol.	Lower Buffer Chamber Min. Vol. (8cm / 10cm gel)
P82	Double Sided	8-10 x 10cm	15.2 x 12.4 x 17cm (5.88 x 4.75 x 6.69")	150mL	300mL	150mL

Thermo Scientific Owl P82 Dual 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	Dimensions
PSL-5	Power supply leads, 3 ft. (Includes one black and one red lead)	—
OG-PL1	Blocking plate	—
R12009	Replacement gaskets (1 pair)	—
P82DS-016	Adapter plate	—
P82DS-012	Thick replacement wedge; 1.59cm	—
P82DS-013	Thin replacement wedge; 1.27cm	—
P82DS-GK	Replacement gasket (1 pair)	—
P7-SA	Spacer Set (2 sides, 1 bottom)	0.5cmW x 0.5mm thickness
P7-SC	Spacer Set (2 sides, 1 bottom)	0.5cmW x 0.8mm thickness
P7-SD	Spacer Set (2 sides, 1 bottom)	0.5cmW x 1.5mm thickness
P7-10R	Notched glass	10cmL x 10cmW x $\frac{3}{32}$ " thickness
P7-10G	Blank glass	10cmL x 10cmW x $\frac{3}{32}$ " thickness
P7-10FR	Frosted notched glass	10cmL x 10cmW x $\frac{3}{32}$ " thickness
P7-10FG	Frosted blank glass	10cmL x 10cmW x $\frac{3}{32}$ " thickness
P7-10RA	Notched alumina plate	10cmL x 10cmW x 1.0mm thickness



Thermo Scientific Owl P8-Series Vertical Electrophoresis System Accessories

Cat. No.	Description	Gel Size (L × W)	Footprint (L × W × H)
JGC-4	Gel Casting System; Compatible with P8DS	10 × 10cm	13 × 13 × 11cm
P7-CST	Gradient Gel Caster	10 × 10cm	13 × 15 × 13cm

Thermo Scientific Owl P8-Series System Combs

Cat. No.†	Description	Thickness of teeth	Width of teeth	EST Well Volume
MP-6A	Standard 6-tooth comb	0.5mm	11.1mm	89µL
MP-6C	Standard 6-tooth comb	0.8mm	11.1mm	142µL
MP-6D	Standard 6-tooth comb	1.5mm	11.1mm	266µL
MP-8A	Standard 8-tooth comb	0.5mm	7.7mm	62µL
MP-8C	Standard 8-tooth comb	0.8mm	7.7mm	99µL
MP-8D	Standard 8-tooth comb	1.5mm	7.7mm	185µL
MP-10A	Standard 10-tooth comb	0.5mm	5.7mm	46µL
MP-10C	Standard 10-tooth comb	0.8mm	5.7mm	73µL
MP-10D	Standard 10-tooth comb	1.5mm	5.7mm	134µL
MP-12A	Standard 12-tooth comb	0.5mm	4.3mm	34µL
MP-12C	Standard 12-tooth comb	0.8mm	4.3mm	55µL
MP-12D	Standard 12-tooth comb	1.5mm	4.3mm	103µL
MP-15A	Standard 15-tooth comb	0.5mm	2.9mm	23µL
MP-20A	Standard 20-tooth comb	0.5mm	1.6mm	13µL

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

Thermo Scientific Owl P8DS Dual-Gel Vertical Electrophoresis System

Ideal for two-dimensional electrophoresis



- Quickly and easily casts and runs 1 or 2 gels in the same device
- Perfect tool for second dimension protocols of 2-D electrophoresis, SDS and agarose gels, and native PAGE electrophoresis
- Unique agarose plug method makes casting gel simple and quick. Gel assemblies do not have to be moved once set-up. Two individual steps of casting and running in different devices are now combined. Simply secure the glass cassettes, pour the agarose plug in the specially designed trough, cast polyacrylamide solution in the cassettes, load samples, and run the gel. Manufactured using a time-tested acrylic fabrication technology, providing a durable, long-lasting system
- Central cooling core provides even cooling across the gel surface for outstanding resolution and clear banding
- Cooling is achieved by circulating fluid through the core with external circulator or cool tap water
- Very simple clamping mechanism makes loading glass cassettes and most manufacturers' precast gels trouble free

Includes: Complete System consist of Upper Buffer Chamber with Internal Cooling Core, Lower Buffer Chamber, SuperSafe Lid with Attached Power Supply Leads, 4 Blank Glass Plates, 2 Notched Glass Plates, 2 Notched Alumina Plates, 2 Spacer Sets: 0.8 mm Thick, Blocking Plate for Single Gel Operation, Spacer Placer, 2 Combs: 10 Well, 0.8 mm Thick

Warranty*: Three years

Certifications: CE marked

Cat. No.	Description	Vertical System	Gel Size L x W	Footprint (L x W x H)	Running Buffer		
					Lower Buffer	Upper Buffer	Total
P8DS-1	P8DS Complete System plus Caster	Double-sided	8-10 x 10cm	17 x 13 x 14cm (6.7 x 5.1 x 5.5")	150mL	150mL	300mL
P8DS-2	P8DS Complete System	Double-sided	8-10 x 10cm	17 x 13 x 14cm (6.7 x 5.1 x 5.5")	150mL	150mL	300mL
P8DS-3	P8DS Apparatus Only	Double-sided	8-10 x 10cm	17 x 13 x 14cm (6.7 x 5.1 x 5.5")	150mL	150mL	300mL

Thermo Scientific Owl P8DS Gel System Replacement Parts

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

Cat. No.	Description	Dimensions
PSL-5	Power supply leads, 3 ft. (Includes one black and one red lead)	—
P8DS-016	Blocking Plate	—
P8DS-008	Lower Buffer Chamber	—
P8DS-001	Upper Buffer Chamber Assembly	—
P8DS-012	Super Safe Lid with Attached Power Supply Leads	—
R12009	Replacement gaskets (1 pair)	—
P8-CL	Side clamps (1 pair)	—
R10446	Wing knob	—
ST-10	Sponge Tips (Pack of 10)	—
P7-SA	Spacer Set (2 sides, 1 bottom)	0.5cmW x 0.5mm thickness
P7-SC	Spacer Set (2 sides, 1 bottom)	0.5cmW x 0.8mm thickness
P7-SD	Spacer Set (2 sides, 1 bottom)	0.5cmW x 1.5mm thickness
P7-10R	Notched glass	10cmL x 10cmW x 3/32" thickness
P7-10G	Blank Glass	10cmL x 10cmW x 3/32" thickness
P7-10FR	Frosted notched glass	10cmL x 10cmW x 3/32" thickness
P7-10FG	Frosted blank glass	10cmL x 10cmW x 3/32" thickness
P7-10RA	Notched alumina plate	10cmL x 10cmW x 1.0mm thickness



Thermo Scientific Owl P8-Series Vertical Electrophoresis System Accessories

Cat. No.	Description	Gel Size (L × W)	Footprint (L × W × H)
JGC-4	Gel Casting System; Compatible with P8DS	10 × 10cm	13 × 13 × 11cm
P7-CST	Gradient Gel Caster	10 × 10cm	13 × 15 × 13cm

Thermo Scientific Owl P8-Series System Combs

Cat. No.†	Description	Thickness of teeth	Width of teeth	EST Well Volume
MP-6A	Standard 6-tooth comb	0.5mm	11.1mm	89µL
MP-6C	Standard 6-tooth comb	0.8mm	11.1mm	142µL
MP-6D	Standard 6-tooth comb	1.5mm	11.1mm	266µL
MP-8A	Standard 8-tooth comb	0.5mm	7.7mm	62µL
MP-8C	Standard 8-tooth comb	0.8mm	7.7mm	99µL
MP-8D	Standard 8-tooth comb	1.5mm	7.7mm	185µL
MP-10A	Standard 10-tooth comb	0.5mm	5.7mm	46µL
MP-10C	Standard 10-tooth comb	0.8mm	5.7mm	73µL
MP-10D	Standard 10-tooth comb	1.5mm	5.7mm	134µL
MP-12A	Standard 12-tooth comb	0.5mm	4.3mm	34µL
MP-12C	Standard 12-tooth comb	0.8mm	4.3mm	55µL
MP-12D	Standard 12-tooth comb	1.5mm	4.3mm	103µL
MP-15A	Standard 15-tooth comb	0.5mm	2.9mm	23µL
MP-20A	Standard 20-tooth comb	0.5mm	1.6mm	13µL

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

Thermo Scientific Owl P9DS Dual-Gel Vertical Electrophoresis Systems

Ideal for two-dimensional electrophoresis



- Quickly and easily casts and runs 1 or 2 gels in the same device
- Perfect tool for second dimension protocols of 2-D electrophoresis, SDS and agarose gels, and native PAGE electrophoresis
- Unique agarose plug method makes casting gel simple and quick. Gel assemblies do not have to be moved once set-up. Two individual steps of casting and running in different devices are now combined. Simply secure the glass cassettes, pour the agarose plug in the specially designed trough, cast polyacrylamide solution in the cassettes, load samples, and run the gel. Manufactured using a time-tested acrylic fabrication technology, providing a durable, long-lasting system
- Central cooling core provides even cooling across the gel surface for outstanding resolution and clear banding
- Cooling is achieved by circulating fluid through the core with external circulator or cool tap water
- Very simple clamping mechanism makes loading glass cassettes and most manufacturers' precast gels trouble free

Includes: Complete System consists of Upper Buffer Chamber with Internal Cooling Core, Lower Buffer Chamber, SuperSafe Lid with Attached Power Supply Leads, 4 Blank Glass Plates, 2 Notched Glass Plates, Spacer Set: 1.5mm Thick, Blocking Plate for Single Gel Operation, 2 Combs: (2) 10-Well and (2) 15-Well, 1.5mm Thick

Warranty^Y: Three years

Certifications: CE marked

Cat. No.	Description	Vertical System	Gel Size (L × W)	Footprint (L × W × H)	Running Buffer Volume		
					Lower Buffer	Upper Buffer	Total
P9DS-1	P9DS Complete System plus Caster	Double-sided	14–16 × 16cm	25 × 13 × 19.5cm (9.8 × 5.1 × 7.7in.)	350mL	200mL	550mL
P9DS-2	P9DS Complete System	Double-sided	14–16 × 16cm	25 × 13 × 19.5cm (9.8 × 5.1 × 7.7in.)	350mL	200mL	550mL
P9DS-3	P9DS Apparatus Only	Double-sided	14–16 × 16cm	25 × 13 × 19.5cm (9.8 × 5.1 × 7.7in.)	350mL	200mL	550mL

Thermo Scientific Owl P9DS Dual 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	Dimensions
PSL-5	Power supply leads, 3 ft. (Includes one black and one red lead)	
P9DS-006	Blocking Plate	—
P9DS-008	Lower Buffer Chamber	—
P9DS-001	Upper Buffer Chamber Assembly	—
P9DS-012	Super Safe Lid with Attached Power Supply Leads	—
P9-GK	Orange replacement gaskets (1 pair)	—
P9-CL	Side clamps; pack of 2	—
R10446	Wing knob	—
ST-10	Sponge Tips (Pack of 10)	—
P1-SC	Spacer set (2 sides, 1 bottom)	1.0cmW x 0.8mm thickness
P1-SD	Spacer set (2 sides, 1 bottom)	1.0cmW x 1.5mm thickness
P1-14R	Notched glass	14cmL x 16cmW x 1/8" thickness
P1-14G	Blank glass	14cmL x 16cmW x 1/8" thickness
P1-14FR	Frosted notched glass	14cmL x 16cmW x 1/8" thickness
P1-14FG	Frosted blank glass	14cmL x 16cmW x 1/8" thickness
P1-12G	Offset glass	12cmL x 16cmW x 1/8" thickness



Thermo Scientific Owl P9-Series Vertical Electrophoresis System Accessories

Cat. No.	Description	Gel Size (L x W)	Footprint (L x W x H)
JGC-2	Gel Casting System	14 x 16cm	17 x 18 x 15cm
P1-CST	Multiple Gradient Gel Caster	14 x 16cm	13 x 20 x 18cm

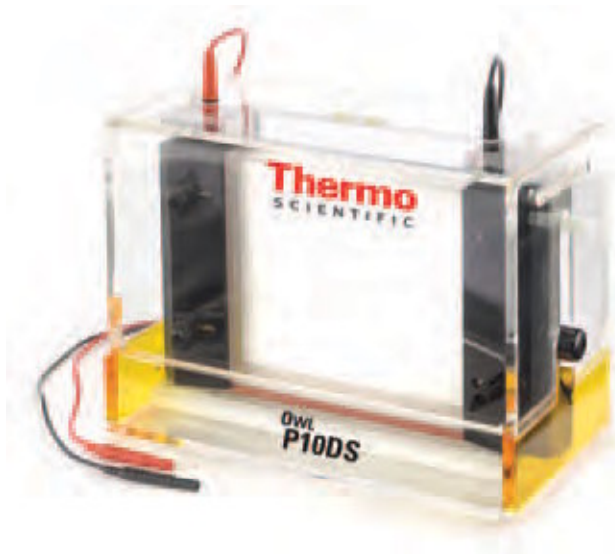
Thermo Scientific Owl P9DS System Combs

Cat. No.†	Description	Thickness of teeth	Width of teeth	EST Well Volume
P1-10C	Standard 10-tooth comb	0.8mm	10.4mm	138µL
P1-10D	Standard 10-tooth comb	1.5mm	10.4mm	343µL
P1-15C	Standard 15-tooth comb	0.8mm	6.1mm	107µL
P1-15D	Standard 15-tooth comb	1.5mm	6.1mm	201µL
P1-20C	Standard 20-tooth comb	0.8mm	3.9mm	69µL
P1-20D	Standard 20-tooth comb	1.5mm	3.9mm	129µL
P1-24C	Standard 24-tooth comb	0.8mm	2.9mm	51µL
P1-24D	Standard 24-tooth comb	1.5mm	2.9mm	96µL

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

Thermo Scientific Owl P10DS Dual-Gel Vertical Electrophoresis Systems

Ideal for second dimension protocols of 2-D electrophoresis applications



- Optimal device for a large number of samples that need extended separation and mobility shift assays
- Casts and runs one or two 20 × 20cm gels in the upper buffer chamber
- Larger size cassette gives the maximum number of samples and separation length
- Manufactured using a time-tested acrylic fabrication technology, providing a durable, long-lasting system
- Central cooling core provides even cooling across the gel surface for outstanding resolution and clear banding
- Cooling is achieved by circulating fluid through the core with external circulator or cool tap water
- Very simple clamping mechanism makes loading glass cassettes and most manufacturers' precast gels trouble free

Applications: SDS electrophoresis, the second dimension of two-dimensional (2-D) electrophoresis, agarose electrophoresis and native electrophoresis

Includes: Complete System consists of Upper Buffer Chamber with Internal Cooling Core, Lower Buffer Chamber, SuperSafe* Lid with Attached Power Supply Leads, 4 Blank Glass Plates, 4 Notched Glass Plates, 4 Combs: (2) 15 Well and (2) 20 Well, 1.5mm Thick, 4 Spacer Sets: 1.5mm Thick, Blocking Plate for Single Gel Operation, and Spacer Placer

Warranty*: Three years

Certifications: CE marked

Cat. No.	Description	Vertical System	Gel Size (L × W)	Footprint (L × W × H)	Running Buffer Volume		
					Lower Buffer	Upper Buffer	Total
P10DS-1	P10DS Complete System plus Caster	Double-sided	20 × 20cm	30.5 × 16.5 × 23cm (12 × 6.5 × 9in.)	600mL	650mL	1250mL
P10DS-2	P10DS Complete System	Double-sided	20 × 20cm	30.5 × 16.5 × 23cm (12 × 6.5 × 9in.)	600mL	650mL	1250mL
P10DS-3	P10DS Apparatus Only	Double-sided	20 × 20cm	30.5 × 16.5 × 23cm (12 × 6.5 × 9in.)	600mL	650mL	1250mL

Thermo Scientific Owl P10DS Dual 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	Dimensions
PSL-5	Power supply leads, 3 ft. (Includes one black and one red lead)	—
P10DS-006	Blocking Plate	—
P10DS-008	Lower Buffer Chamber	—
P10DS-001	Upper Buffer Chamber Assembly	—
P10DS-012	Super Safe Lid with Attached Power Supply Leads	—
P10-GK	Orange replacement gaskets (1 pair)	—
P10-CL	Side Clamps (1 pair)	—
R10446	Wing knob	—
ST-10	Sponge Tips (Pack of 10)	—
P2-SC	Spacer Set (2 sides, 1 bottom)	1.0cmW × 0.8mm thickness
P2-SD	Spacer Set (2 sides, 1 bottom)	1.0cmW × 1.5mm thickness
P2-20R	Notched glass	20cmL × 20cmW × 3/16" thickness
P2-20G	Blank glass	20cmL × 20cmW × 3/16" thickness
P2-20FR	Frosted notched glass	20cmL × 20cmW × 3/16" thickness
P2-20FG	Frosted blank glass	20cmL × 20cmW × 3/16" thickness
P2-18G	Offset glass	18cmL × 20cmW × 3/16" thickness
P10-20R	Notched glass	20cmL × 20cmW × 1/8" thickness
P10-20G	Blank glass	20cmL × 20cmW × 1/8" thickness
P10-18G	Offset glass	20cmL × 18cmW × 1/8" thickness



Thermo Scientific Owl P10-Series Vertical Electrophoresis System Accessories

Cat. No.	Description	Gel Size (L × W)	Footprint (L × W × H)
JGC-3	Gel Casting System	20 × 20cm	23 × 17 × 17cm
P2-CST	Gradient Gel Caster	20 × 20cm	13 × 25 × 23cm

Thermo Scientific Owl P10-Series System Combs

Cat. No.†	Description	Thickness of teeth	Width of teeth	EST Well Volume
P2-10C	Standard 10-tooth comb	0.8mm	13.6mm	239µL
P2-10D	Standard 10-tooth comb	1.5mm	13.6mm	449µL
P2-15C	Standard 15-tooth comb	0.8mm	8.2mm	144µL
P2-15D	Standard 15-tooth comb	1.5mm	8.2mm	271µL
P2-20C	Standard 20-tooth comb	0.8mm	5.5mm	97µL
P2-20D	Standard 20-tooth comb	1.5mm	5.5mm	182µL
P2-25C	Standard 25-tooth comb	0.8mm	3.9mm	69µL
P2-25D	Standard 25-tooth comb	1.5mm	3.9mm	129µL
P2-PREP	Prep comb with 2 teeth	1.5mm	151 / 5.0mm	4604 / 162µL

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

Thermo Scientific Owl S4S Aluminum-Backed Sequencers

Easy setup with even heat distribution for “smile”-free results



- Floating aluminum heat sink reduces chance of plates cracking during runs
- Upper buffer chamber (UBC) requires minimal buffer and is easily drained via inline drain port into removable bottle
- Lower buffer chamber (LBC) is removable for simple buffer disposal
- Full-length side clamps press gel plates against gasket seated on UBC, applying even pressure across the entire plate providing a reliable, leakproof seal between the plate and gasket
- Clamps slide over glass plates for easy setup and removal of gels

Includes: UBC with removable drain bottle (with safety interlocking lid and attached power supply lead), removable LBC, anodized aluminum heat sink, two side clamps, two blank glass plates, two notched glass plates, two sharktooth combs (39 teeth, 0.4mm thick), Well comb (20 well, 0.4mm thick), 2 spacer sets (0.4mm), adhesive temperature indicator

Warranty*: Three years

Certifications: CE marked

Cat. No.	Vertical System	Gel Size (L × W)	Footprint (L × W × H)	Running Buffer Volume		
				Lower Buffer	Upper Buffer	Total
S4S	Sequencing system	45 × 20cm	27 × 23 × 50cm	500mL	300mL	800mL

Thermo Scientific Owl S4S Aluminum Backed Sequencer 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)
S3S-CL	Side Clamp (1 pair)
R10384	Buffer Drain Bottle
S4S-GK	Replacement Gasket
ST-10	Sponge Tips (Pack of 10)
TEMP-5	Adhesive Temperature Indicator (Pack of 5)
STK-10	Stopcocks (1 pair)
S3S-KNOB	Replacement Knob (Pack of 6)

Thermo Scientific Owl Sequencing System Spacer Sets and Glass Plates

Cat. No.	Description	Dimensions
S2S-SA4	Spacer Set (2 sides, 1 bottom)	1.0cmW × 0.4mm thickness
S2S-SA2	Spacer Set (2 sides, 1 bottom)	1.0cmW × 0.2mm thickness
S2S-SAW	Wedge (Pack of 2)	1.0cmW × 0.4 - 0.8mm thickness
S1S-45R	Notched Glass	45cmL × 20cmW × 3/16" thickness
S1S-45G	Blank Glass	45cmL × 20cmW × 3/16" thickness
S1S-43G	Offset Glass	43cmL × 20cmW × 3/16" thickness



Thermo Scientific Owl SGC-1 Sequencing Gel Casters

- Simple method permits bubble-free gels to be cast in less than three minutes
- Horizontal plate sliding procedure, capillary action drawing gel between plates, and surface tension keeps the gel from leaking.
- No taping or special assembly required
- Exposure to hazardous acrylamide is decreased, reducing cleanup time
- Fully adjustable to accommodate glass plates from 20 to 42cm wide

Includes: Adjustable casting platform, width adjustment knobs, 12 binder clamps

Cat. No.	Gel Size (L × W)	Footprint (L × W × H)
SGC-1	48 × 20-42cm	71 x 21 x 12.2cm (28 x 8.25 x 4.75in.)

Thermo Scientific Owl S4S System Combs

Cat. No.†	Description	Thickness of teeth	Width of teeth	EST Well Volume
S1S-20A	20-tooth Well Comb	0.4mm	6.8mm	15µL
S1S-30A	30-tooth Well comb	0.4mm	4.1mm	9µL
S1S-SHARK4	39-tooth Sharktooth Comb	0.4mm	—	9µL
S1S-SHARK2	39-tooth Sharktooth Comb	0.2mm	—	5µL
S1S-MT2	36 (2X)-tooth Sharktooth Micro-Well Comb	0.4mm	—	10µL
S1S-MT3	55 (3X)-tooth Sharktooth Micro-Well Comb	0.4mm	—	5.5µL
S1S-MT44	73 (4X)-tooth Sharktooth Micro-Well Comb	0.4mm	—	3.7µL
S1S-MT42	73 (4X)-tooth Sharktooth Micro-Well Comb	0.2mm	—	2.0µL

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

Thermo Scientific Owl S3S Aluminum-Backed Sequencers

Most common size for manual sequencing, providing the optimal size for separation



- Floating aluminum heat sink reduces chance of plates cracking during runs
- Upper buffer chamber (UBC) requires minimal buffer and is easily drained via inline drain port into removable bottle
- Lower buffer chamber (LBC) is removable for simple buffer disposal
- Side clamps press gel plates against gasket seated on UBC applying even pressure across plate, forming a leakproof seal resulting in flat, even banding patterns
- Clamps slide over glass plates for easy setup and removal of gels

Includes: UBC with removable drain bottle (with safety interlocking lid and attached power supply lead), removable LBC, heat sink, two side clamps, two blank glass plates, two notched glass plates, two sharktooth combs (78 teeth, 0.4mm thick), well comb (40 well, 0.4mm thick), 2 spacer sets (0.4mm), Adhesive temperature indicator

Warranty*: Three years

Certifications: CE marked

Cat. No.	Vertical System	Gel Size (L x W)	Footprint (L x W x H)	Running Buffer Volume		
				Lower Buffer	Upper Buffer Chamber	Total
S3S	Sequencing System	45 x 35cm	44 x 23 x 50cm	450mL	500mL	950mL

Thermo Scientific Owl S3S Sequencer 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)
S3S-CL	Side Clamp (1 pair)
R10383	Buffer drain bottle
S3S-GK	Replacement Gasket
ST-10	Sponge Tips (Pack of 10)
TEMP-5	Adhesive Temperature Indicator (Pack of 5)
STK-10	Stopcocks (1 pair)
S3S-KNOB	Replacement Knob (Pack of 6)

Thermo Scientific Owl Sequencing System Spacer Sets and Glass Plates

Cat. No.	Description	Dimensions
S2S-SA4	Spacer Set (2 sides, 1 bottom)	1.0cmW × 0.4mm thickness
S2S-SA2	Spacer Set (2 sides, 1 bottom)	1.0cmW × 0.2mm thickness
S2S-SAW	Wedge (Pack of 2)	1.0cmW × 0.4 - 0.8mm thickness
S2S-45R	Notched Glass	45cmL × 35cmW × 3/16" thickness
S2S-45G	Blank Glass	45cmL × 35cmW × 3/16" thickness
S2S-43G	Offset glass	43cmL × 35cmW × 3/16" thickness

Thermo Scientific Owl SGC-1 Sequencing Gel Casters



- Simple method permits bubble-free gels to be cast in less than three minutes
- Horizontal plate sliding procedure, capillary action drawing gel between plates, and surface tension keeps the gel from leaking, no taping or special assembly required
- Exposure to hazardous acrylamide is decreased, reducing cleanup time
- Fully adjustable to accommodate glass plates from 20 to 42cm wide

Cat. No.	Gel Size (L × W)	Footprint (L x W x H)
SGC-1	48 × 20-42cm	71 × 21 × 12.2cm (28 × 8.25 × 4.75in.)

Thermo Scientific Owl S3S System Combs

Cat. No.†	Description	Thickness of teeth	Width of teeth	EST Well Volume
S2S-20A	40-tooth Well Comb	0.4mm	6.8mm	15µL
S2S-30A	60-tooth Well Comb	0.4mm	4.1mm	9µL
S2S-SHARK4	78-tooth Sharktooth Comb	0.4mm	—	9µL
S2S-SHARK2	78-tooth Sharktooth Comb	0.2mm	—	5µL
S2S-MT2	72 (2X)-tooth Sharktooth Micro-Well Comb	0.4mm	—	10µL
S2S-MT3	110 (3X)-tooth Sharktooth Micro-Well Comb	0.4mm	—	5.5µL
S2S-MT44	146 (4X)-tooth Sharktooth Micro-Well Comb	0.4mm	—	3.7µL
S2S-MT42	146 (4X)-tooth Sharktooth Micro-Well Comb	0.2mm	—	2µL

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

Thermo Scientific Owl JGC-4, JGC-3, JGC-2 Gel Casting Systems

Fast, unique way to cast polyacrylamide gels



- Pouch collects excess polyacrylamide and seals bottom of gel, eliminating need for tape or bottom spacers
- Design allows storage of gels without dehydration by adding buffer and heat sealing
- Casts from one to four gels
- Few moving parts result in outstanding durability and extra long life

Includes: Casting stand with three-point leveling base, blocking plate, spacer placer, 25 gel pouches, clamping screws, bubble level and leveling screws

Certifications: CE marked

Cat. No.	Compatible With	Gel Size	L x W x H
JGC-4	Owl P8DS, P82, P81	10 × 10cm	13 × 13 × 11cm
JGC-3	Owl P10DS	20 × 20cm	23 × 17 × 17cm
JGC-2	Owl P9DS	14 × 16cm	17 × 18 × 15cm

Thermo Scientific Owl JGC Gel Casting System Replacement Parts

Cat. No.	Description	Dimensions	For Use With
GP4-100	Gel Pouches; Pack of 100	10 × 10cm	JGC-4 Systems
GP4-25	Gel Pouches; Pack of 25	10 × 10cm	JGC-4 Systems
JG4-PL	Spacer Placer; Pack of 3	—	JGC-4 Systems
JGC4-006	Blocking Plate; Each	10 × 10cm	JGC-4 Systems
GP3-100	Gel Pouches; Pack of 100	20 × 20cm	JGC-3 Systems
GP3-25	Gel Pouches; Pack of 25	20 × 20cm	JGC-3 Systems
JG3-PL	Spacer Placer; Pack of 3	—	JGC-3 Systems
JGC-003	Blocking plate; Each	20 × 20cm	JGC-3 Systems
GP2-100	Gel Pouches; Pack of 100	14 × 16cm	JGC-2 Systems
GP2-25	Gel Pouches; Pack of 25	14 × 16cm	JGC-2 Systems
JG2-PL	Spacer Placer; Pack of 3	—	JGC-2 Systems
JGC2-003	Blocking Plate; Each	14 × 16cm	JGC-2 Systems
R10013	Leveling screws	1"L	JGC-4, JGC-3, JGC-2 Systems
R10014	Clamping screws	2"L	JGC-4, JGC-3, JGC-2 Systems



Thermo Scientific Owl Gradient Gel Casters

Simultaneously casts from 1 to 5 gels

- Use external gradient maker to cast gels with ease and great reproducibility
- Gradient gels may be pumped in through port in base of caster—requires no external pump due to gravity pull
- Design and format of unit will provide years of service

Includes: Casting stand with base port, spacer placer, foam, acrylic spacer plates, four binder clamps, front plate, 2 wing knobs and blocking plate

Cat. No.	Description	Gel Size (L × W)	Footprint (L × W × H)	Compatible Owl Units
P7-CST	Gradient Gel Caster	10 × 10cm	15 × 13 × 13cm (5.8 × 5.1 × 5.1in.)	P81, P82, P8DS
P1-CST	Gel Caster	14 × 16cm	20 × 13 × 18cm (7.9 × 5.1 × 7in.)	P9DS
P2-CST	Gel Caster	20 × 20cm	25 × 13 × 23cm (9.8 × 5.1 × 9in.)	P10DS



Thermo Scientific Owl SGC Sequencing Gel Casters

Simple method that allows bubble-free gels to be cast in less than three minutes

- Horizontal plate sliding procedure, capillary action drawing gel between plates, and surface tension, keeps the gel from leaking, no taping or special assembly required
- Exposure to hazardous acrylamide is decreased, reducing cleanup time
- Available in two lengths: 48 or 65.5cm
- Fully adjustable to accommodate glass plates from 20 to 42cm wide

Includes: Adjustable casting platform, width adjustment knobs, 12 binder clamps

Cat. No.	Plate Size (L × W)	L × W × H	Compatible Owl Units
SGC-1	48 × 20-42cm	71 × 21 × 12.2cm (28 × 8.25 × 4.75in.)	S4S, S3S
SGC-2	65.5 × 20-42cm	102 × 21 × 12.2cm (40 × 8.25 × 4.75in.)	S4S, S3S

Thermo Scientific Owl Accessories for CST Multiple Gradient Gel Casters

Cat. No.	Description
CL-12	Binder clamps (pk. of 12)
CL-125	Stainless-steel clamps (pk. of 12)



Thermo Scientific Owl Gel-Drying Kits

Convenient method of preserving protein gels by air drying them between two sheets of cellophane

- Preserves protein gels easily and economically, while eliminating distortion problems common in other drying procedures
- Available in minigel and large format sizes
- Beveled-edge design of gel-drying frame makes assembly easy

Includes: Complete kits include two sets of gel-drying frames, 50 sheets of precut cellophane, two solid back plates, and eight side clips; frames and cellophane are also available separately

Cat. No.	Description	L x W
GDF-10	Gel-Drying Kit, Minigel Format	14 × 14cm
GDF-20	Gel-Drying Kit, Large Format	24 × 24cm

Thermo Scientific Owl Gel Drying Kit Accessories

Cat. No.	Description	L × W
GDF-3	Gel drying frame, Minigel	14 × 14cm
GDF-1	Gel drying frame, Large	24 × 24cm
CM10	Precut Cellophane; 50 sheets	14 × 14cm
CM20	Precut Cellophane; 50 sheets	24 × 24cm



Thermo Scientific Owl Gel Staining Box

Permits staining, fixing and destaining in the same container

- Resistant to most organic dyes, silver and other stains.
- Holds up to 125mL of liquid and one gel when used on a shaking platform
- Grooved lid enables proper orientation and stability when stacking
- Made of clear plastic, so gels can be viewed directly in the tray

Ordering Information: Package of 5

Cat. No.	Exterior Dimension L × W × H	Capacity
GSB-3	11 × 11 × 3cm	125mL

Thermo Scientific Owl Blotting Paper

High-quality blotting paper ideal for wicking and blotting applications

- Provides sufficient thickness to absorb adequate amounts of buffer for semi-dry electroblotting without the loss of mechanical stability
- Available in pre-cut mini gel and large format gel sizes
- Compatible with Owl electroblotting systems

Cat. No.	Size	Code	Material	Weight	Thickness	Flowrate
FP-1	20 × 20cm	HEP-1	100% cotton fiber	183g/m ²	0.83mm	35mL/min.
FP-2	35 × 45cm	HEP-3				
FP-3	46 × 57cm	—				
FP-4	10 × 10cm	HEP-1, VEP-2				
FP-5	18 × 20cm	HEP-1, VEP-3				
FP-6	9 × 9cm	HEP-1, VEP-3				
FP-7	12 × 16cm	HEP-1				



Thermo Scientific Owl Transfer Membranes

Hydrophobic membranes that are ideal for Western blotting

- Thermo Scientific offers Immobilon*-P, PVDF transfer membrane
- This membrane provides the highest signal-to-noise ratio, which allows the use of mild blocking procedures
- Immobilon-P has high protein retention; is compatible with all standard visualization methods; and can be used for protein sequencing
- Immobilon is available in minigel and large-format gel sizes

Cat. No.	Format	Membrane Size
TM151-1	Roll, 26.5cm × 3.75m	26.5cm × 3.75m
TM151-4	Sheets (Pack of 10)	15 × 15cm
TM151-5	Sheets (Pack of 10)	10 × 10cm



Thermo Scientific Owl RF-3 Filing System

Ideal for organizing your refrigerator, coldroom, freezer or benchtop

- Eight compartments constructed of durable 0.64cm thick acrylic
- No skid rubber feet prevent sliding
- Use either vertically or horizontally

Notes: Microtube racks are not included

Cat. No.	Array	Compartments	Material	Exterior L × W × H	Interior L × W × D
RF-3	2 × 4	8	Sturdy 0.25" thick acrylic	6 × 9 × 12"	2.625 × 2.625 × 8.875"



Thermo Scientific Owl Pipet Holder

Designed to hold standard glass and disposable pipets in square or round cans

Cat. No.	Description	Material	Exterior L × W × H	Interior L × W × H
PCH-1	Pipet Holder	Sturdy 0.25" thick acrylic	13.5 × 11.5 × 16"	3 × 3 × 11.25"

Thermo Scientific Owl Survey Detectors

Provides detection of isotopes most commonly used in the lab



- Each meter provides a standard scale of 0 to 5KCPM and reads both CPM and REM
- Meters have a counting range of 0.1X, 1X, 10X and 100X and will provide external calibration plots
- A built-in speaker, clip-on probe handle, and strain relief cable maximize ease of use
- Each meter is factory calibrated to ensure accuracy
- Models for the detection of beta or low-energy gamma radiation are available
- Choose beta detectors in thin-end or pancake styles

Required Accessories: Meters require two "D" batteries, which will provide approximately 200 hours of use
Certifications: CE marked

Cat. No.	Description	Indicated Use	Window (mg/cm ²)	Active Window (cm ²)
SM-1	Thin-end beta detector with meter	xβ-	1.7±0.3 (mica)	approx. 6.4
SM-1-DET	Thin-end beta detector only	xβ-	1.7±0.3 (mica)	approx. 6.4
SM-2	Pancake beta detector with meter	xβ-	1.7±0.3 (mica)	approx. 15.5
SM-2-DET	Pancake beta detector only	xβ-	1.7±0.3 (mica)	approx. 15.5
SM-3	Gamma scintillator with meter	low energy γ	14	5.0
SM-3-DET	Gamma scintillator only	low energy γ	14	5.0

Thermo Scientific Owl EC-105 Compact Power Supply

Ideal for DNA and RNA electrophoresis



- Equipped with an over current detector for maximum safety
- Easy-to-use power supply operates in constant voltage
- The adjustment knob and hi-lo range switch control the output, which is variable in 10V increments from 20V to 250V
- Two-position switch toggles the bright LED display from indicating output voltage to output current
- The supply is also equipped with an over current detector for maximum safety and has two jacks

Warranty^Y: 1 year
Certifications: CE marked

Cat. No.	Maximum Voltage	Max. Current	No. of Jacks	Display Modes	L x W x H	Electrical
105ECA-115	250V	300mA @ 150-250V; 500mA below 150V	1	Voltage or current	15 x 20 x 11cm (6 x 8 x 4.5in.)	115V/60Hz
105ECA-LVD	250V	300mA @ 150-250V; 500mA below 150V	1	Voltage or current	15 x 20 x 11cm (6 x 8 x 4.5in.)	230V/50Hz

Cat. No.	Description
112ECA	250V Power Supply Timer

Thermo Scientific Owl EC-300XL2 Compact Power Supply

Simple-to-use, multi-purpose, lightweight and great for DNA/RNA and Pprotein electrophoresis



- Power-off memory retains settings after shut-down
- Stackable design saves benchtop space
- Soft-touch key pad allows quick set-up
- Designed for safety
- Non-skid rubber feet provide stability

Warranty^Y: 1 year
Certifications: CE marked

Cat. No.	Output Voltage	Max. Current	No. of Jacks	Display Modes	Timer	L x W x H	Electrical
EC300XL	300V	400mA	3	Voltage or current	0-999 min.	26 x 14 x 13.3cm (10.25 x 5.5 x 5.25in.)	120V 50/60Hz
EC300XL2	300V	400mA	3	Voltage or current	0-999 min.	26 x 14 x 13.3cm (10.25 x 5.5 x 5.25in.)	230V 50/60Hz

Thermo Scientific Owl EC-200XL High Current Power Supply

Simple-to-use, multi-purpose, lightweight and great for DNA/RNA, protein and blotting electrophoresis



- Power-off memory retains settings after shut-down
- Stackable design saves benchtop space
- Soft-touch key pad allows quick set-up
- Designed for safety
- Non-skid rubber feet provide stability

Warranty[†]: 1 year
Certifications: CE marked

Cat. No.	Output Voltage	Max. Current	No. of Jacks	Display Modes	Timer	L × W × H	Electrical
EC200XL	200V	2000mA	4	Voltage or current	0-99 hr. 59 min.	31 × 27 × 13.3cm (12 × 10.75 × 5.25in.)	120V 50/60Hz
EC200XL2	200V	2000mA	4	Voltage or current	0-99 hr. 59 min.	31 × 27 × 13.3cm (12 × 10.75 × 5.25in.)	230V 50/60Hz

Thermo Scientific Owl EC-1000XL Programmable Power Supply

Great for DNA/RNA, protein and blotting electrophoresis



- Power-off memory retains settings after shut-down
- Offers constant power mode
- Stackable design saves benchtop space
- Soft-touch key pad allows quick set-up
- Designed for safety
- Non-skid rubber feet
- Easy to operate

Warranty[†]: 1 year
Certifications: CE marked

Cat. No.	Output Voltage	Max. Current	No. of Jacks	Display Modes	Timer	L × W × H	Electrical
EC1000XL	1000V	500mA	4	Voltage, current, or power	0-99 hr. 59 min.	31 × 27 × 13.3cm (12 × 10.75 × 5.25in.)	120V 50/60Hz
EC1000XL2	1000V	500mA	4	Voltage, current, or power	0-99 hr. 59 min.	31 × 27 × 13.3cm (12 × 10.75 × 5.25in.)	230V 50/60Hz

Thermo Scientific Owl EC-3000XL Programmable Power Supply

Simple-to-use, multi-purpose and lightweight



- Power-off memory retains settings after shut-down
- Offers constant power mode
- Stackable design saves benchtop space
- Soft-touch key pad allows for quick set-up
- Designed for safety
- Non-skid rubber feet

Warranty[†]: 1 year
Certifications: CE marked

Cat. No.	Output Voltage	Max. Current	No. of Jacks	Display Modes	Timer	L x W x H	Electrical
EC3000XL	3000V	400mA	4	Voltage, current, or power	0-99 hr. 59 min.	31 x 27 x 13.3cm (12 x 10.75 x 5.25in.)	120V 50/60Hz
EC3000XL2	3000V	400mA	4	Voltage, current, or power	0-99 hr. 59 min.	31 x 27 x 13.3cm (12 x 10.75 x 5.25in.)	230V 50/60Hz

Thermo Scientific Owl Power Supply Leads

- 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)

Thermo Scientific Owl PSA-2 Adapter

- Allows Owl gel boxes to fit Bio-Rad Laboratories power supplies

Cat. No.	Description
PSA-2	Bio-Rad Laboratories Adaptor; extends Owl power supply leads to fit in the Bio-Rad power supplies.