

ORDERING INFORMATION

Horizontal Systems

| Cat. No. | Description | Max. Samples |
|----------|---|--------------|
| C2-S | Owl C2-S Horizontal Micro-gel System 5 x 7.5 cm | 7 |
| B1A | Owl B1A Horizontal Mini-gel System 7 x 8 cm | 24 |
| B1 | Owl B1 Horizontal Mini-gel System 9 x 11 cm | 34 |
| B2 | Owl B2 Horizontal Mini-gel System 12 x 14 cm | 48 |
| D2 | Owl D2 Horizontal Mini-gel System 14.4 x 10.2 cm | 80 |
| A1 | Owl A1 Horizontal Electrophoresis System 13 x 25 cm | 150 |
| D3-14 | Owl D3-14 Wide Format Horizontal Electrophoresis System 23.5 x 14 cm | 200 |
| A2 | Owl A2 Horizontal Electrophoresis System 20 x 25 cm | 432 |
| A6 | Owl A6 Horizontal Wide Format System 23 x 25 cm | 500 |
| A3-1 | Owl A3-1 Horizontal Electrophoresis System 23 x 40 cm | 600 |

Vertical Systems

| Cat. No. | Description | Max. Samples |
|----------|---|--------------|
| P8DS-2 | Owl P8DS Vertical Dual Gel System 10 x 10 cm | 20 |
| P9DS-2 | Owl P9DS Vertical Dual Gel System 16 x 14 cm | 30 |
| P10DS-2 | Owl P10DS Vertical Dual Gel System 20 x 20 cm | 40 |

Gel Casting Accessories for Vertical Systems

| | | |
|-------|---|--|
| JGC-3 | Owl JGC-3 Gel Casting System 20 x 20 cm (compatible with P10DS) | |
| JGC-2 | Owl JGC-2 Gel Casting System 16 x 14 cm (compatible with P9DS) | |
| JGC-4 | Owl JGC-4 Gel Casting System 10 x 10 cm (compatible with P8DS) | |

Sequencing Systems & Blotters

| Cat. No. | Description | Max. Samples |
|---|--|--------------|
| Sequencing Systems | | |
| S4S | Owl S4S Aluminum Backed Sequencing System, 20 x 45 cm | 39 |
| S3S | Owl S3S Aluminum Backed Sequencing System, 35 x 45 cm | 78 |
| Gel Casting Accessories for Sequencing Systems | | |
| SGC-1 | Owl SGC-1 Adjustable Width Sequencing Gel Caster, 48 cm L (compatible with S3S and S4S) | |
| SGC-2 | Owl SGC-2 Adjustable Width Sequencing Gel Caster, 65.5 cm L (compatible with S3S and S4S) | |
| Blotters | | |
| VEP-2 | Owl VEP-2 Minitank™ Electroblotter 10 x 10 cm | |
| VEP-3 | Owl VEP-3 Tank Electroblotter 18 x 20 cm | |
| HEP-1 | Owl HEP-1 Semi-dry Electroblotter 20 x 20 cm | |
| HEP-3 | Owl HEP-3 Semi-dry Electroblotter 35 x 45 cm | |

Power Supplies

| Cat. No. | Description | Line Volt |
|------------------|-------------------------------|-----------|
| EC-105 | | |
| 105ECA-115 | EC-105, Compact Model | 110 Volt |
| 105ECA-LVD | EC-105, Compact Model | 220 Volt |
| EC-300XL | | |
| EC300XL | EC-300XL, Compact Model | 110 Volt |
| EC300XL2 | EC-300XL, Compact Model | 220 Volt |
| EC-200XL | | |
| EC200XL | EC-200XL, High Current Model | 110 Volt |
| EC200XL2 | EC-200XL, High Current Model | 220 Volt |
| EC-1000XL | | |
| EC1000XL | EC-1000XL, Programmable Model | 110 Volt |
| EC-1000XL2 | EC-1000XL, Programmable Model | 220 Volt |
| EC-3000XL | | |
| EC3000XL | EC-3000XL, Programmable Model | 110 Volt |
| EC3000XL2 | EC-3000XL, Programmable Model | 220 Volt |

We offer a full range of proven electrophoresis solutions for your molecular biology laboratory. Our broad selection of industry-leading gel boxes and power supplies makes it easy to get the right equipment for your application.

The full range of Owl electrophoresis products, now part of the Thermo Scientific family, offers:

- **Flexibility** for your application – Choose from a wide range of gel formats, including over 400 different combs and accessories
- **Durability** – Manufactured with industry-leading solvent-welded construction
- **Support** – 3 year warranty and experienced technical advice
- **Guaranteed satisfaction** – Try an Owl Series gel system for 30 days risk free!
- **Custom designs** available for gel boxes and combs

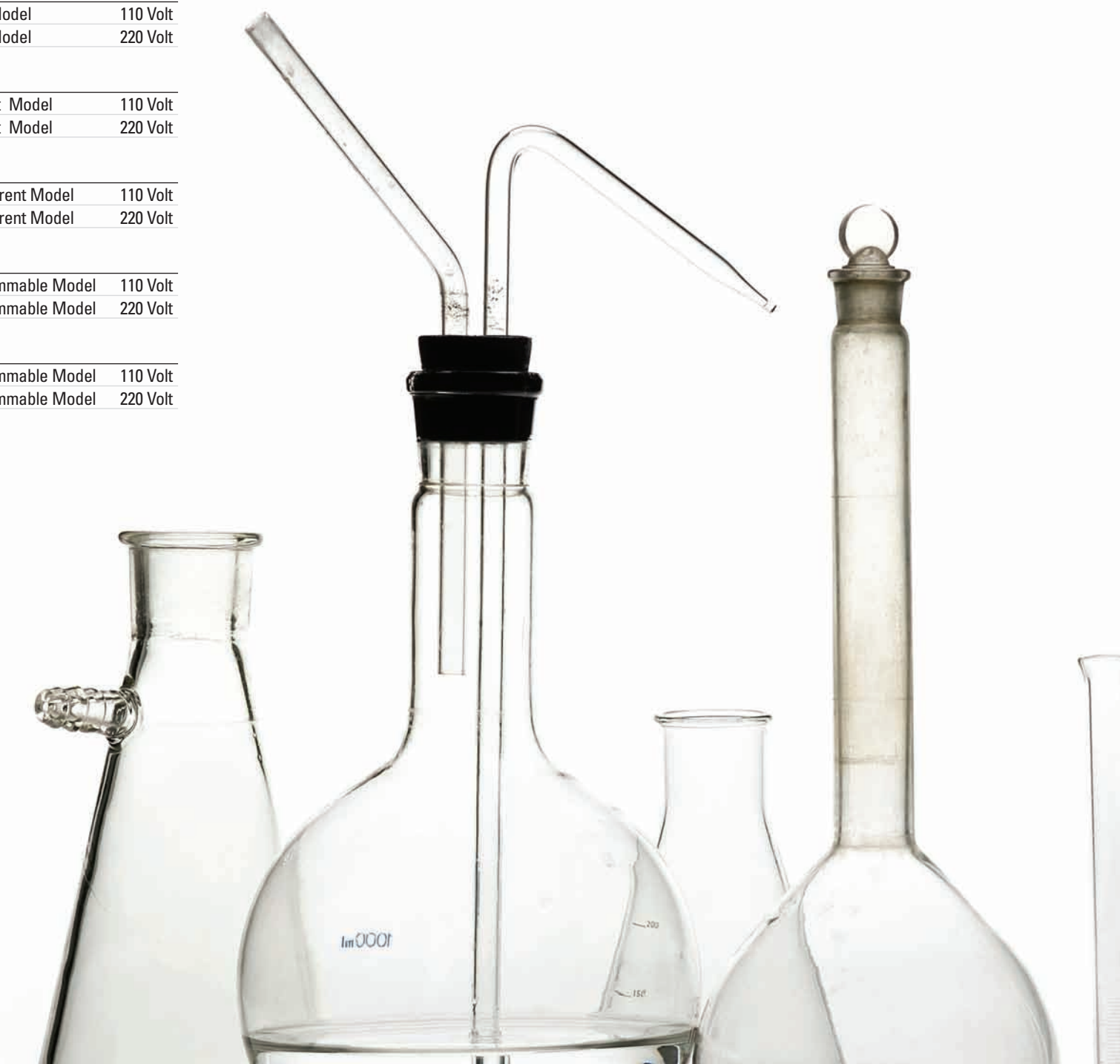
For more information on our electrophoresis solutions, visit www.thermo.com/owl

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 Not all products are available in all countries.
 Please consult your local sales representative for details.

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 online ordering, visit www.thermo.com/owl

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Thermo Scientific
Owl Series™

Electrophoresis
Products

Nucleic Acid Separation
 Protein Separation
 Sequencing
 Electroblotting
 Power Supplies

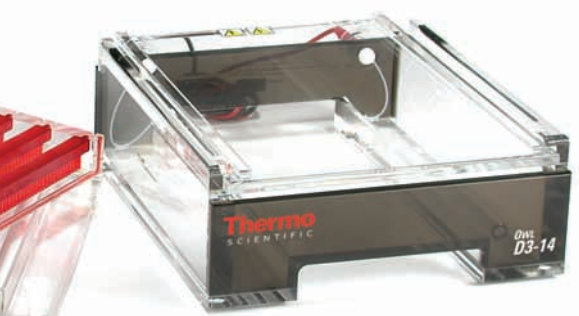
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THERMO SCIENTIFIC HORIZONTAL SYSTEMS

The industry's leading product range for nucleic acid separations –



Owl D3-14

Ideal for Screening PCR Samples

Gel Size: (W x L) 23 x 14 cm
Footprint: (W x L x H) 27 x 30 x 11 cm
Running Buffer Volume: 800 ml
Maximum Samples: 200

Our Owl D3-14 gel system offers a fast, convenient method for screening multiple samples on a single agarose gel.

- Runs 25 to 200 samples simultaneously on one gel
- Ideal for PCR samples, plasmid preps, restriction mapping and cloning



Owl A3-1

Most Practical Large Format System

Gel Size: (W x L) 23 x 40 cm
Footprint: (W x L x H) 53 x 32 x 11 cm
Running Buffer Volume: 4.5 L
Maximum Samples: 600



Owl EasyCast™ B1

Fits Most Teaching Applications

Gel Size: (W x L) 9 x 11 cm
Footprint: (W x L x H) 15 x 22 x 9.5 cm
Running Buffer Volume: 600 ml
Maximum Samples: 34

Our Owl EasyCast B1 horizontal mini-gel system is the ideal small device for researchers.

- Runs 5 to 34 samples
- Durable and easy-to-use
- Perfect for students and researchers

All of our electrophoresis units include a starter set of combs and spacers.

The Owl A3-1 gel system is specially designed for high-throughput experiments.

- Load directly from a 96-well plate with a multichannel pipette
- Run up to 600 samples on one gel
- Ideal for large-scale RNA/DNA analysis

➤ See reverse for complete product listing
 Or visit www.thermo.com/owl

THERMO SCIENTIFIC VERTICAL SYSTEMS

Protein separation made easy with Owl Cast and Run™ design –

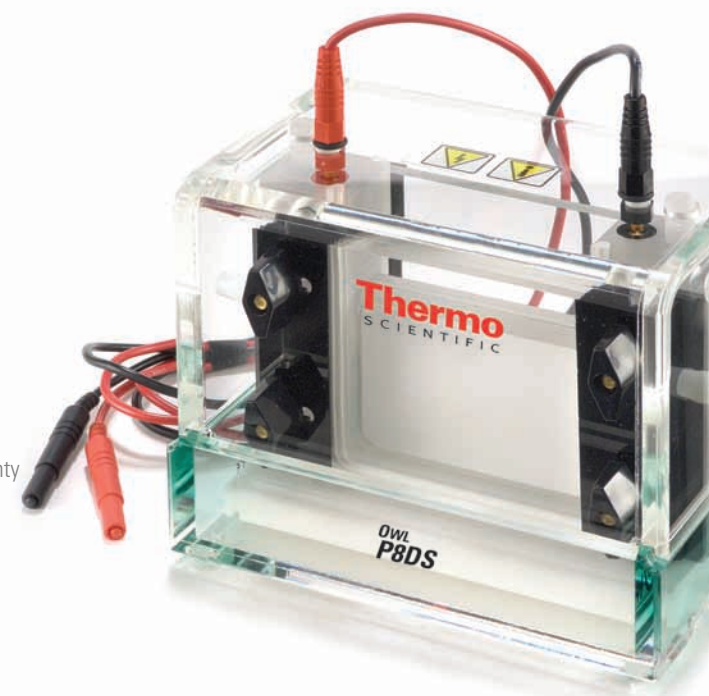
Owl P8DS

Fast Run Times and Easy Operation

Gel Size: (W x L) 10 x 8-10 cm
Footprint: (W x L x H) 17 x 13 x 14 cm
Maximum Samples: 20

Our Owl P8DS gel system can quickly and easily cast and run one or two gels in the same device.

- Perfect for second-dimension protocols of 2-D electrophoresis, SDS and agarose gels, and native PAGE electrophoresis
- Durable acrylic construction, backed by 3-year warranty
- Single clamping method enables trouble-free loading of glass cassettes and pre-cast gels



Owl JGC-4

Fast, Easy Gel Casting

Gel Size: (W x L) 10 x 10 cm
Footprint: (W x L x H) 13 x 13 x 11 cm
Compatible with Owl P8DS

The Owl JGC-4 vertical protein gel caster offers a unique, easy way to cast polyacrylamide gels.

- “Pouch” system collects excess polyacrylamide and seals the bottom of the gel – eliminating the need for tape or bottom spacers
- Buffer and heat sealing allows storage of gels without dehydration
- System casts from 1 to 4 gels for ultimate flexibility
- Minimal moving parts for years of use



➤ See reverse for complete product listing
 Or visit www.thermo.com/owl

THERMO SCIENTIFIC SEQUENCING SYSTEMS AND BLOTTERS

The most durable systems on the market today –



Owl S3S™

Optimal Size for Manual Sequencing

Gel Size: (W x L) 35 x 45 cm
Footprint: (W x L x H) 44 x 23 x 50 cm
Total Running Buffer Volume: 800 ml
Number of Lanes: 78

Our Owl S3S aluminum-backed sequencing system is the most common size of sequencing gel (35 x 45 cm), providing the optimal size for separation.

- Floating aluminum heat sink reduces plate cracking during sequencing runs
- Upper buffer chamber (UBC) requires minimal buffer
- Easy to drain via an in-line stopcock drain port
- Lower buffer chamber (LBC) is completely removable
- Full-length side clamps provide a reliable, leak-proof seal between the plate and the gasket
- Clamps slide over the glass plates for easy set-up and removal of gels

Owl HEP-1™

Faster Blots with High Efficiency

Transfer Area: (W x L) 20 x 20 cm
Footprint: (W x L x H) 25 x 25 x 5 cm

Our Owl HEP-1 semi-dry electroblotters are sleek, low-profile systems for fast, efficient transfer of proteins and nucleic acids to membranes. The HEP-1 system requires minimal amounts of buffer.

- Base contains a stainless-steel cathode plate
- Lid contains a platinum/titanium anode plate
- Transfers may be done in as little as 15 minutes
- Ideal for proteins less than 150 kd



➤ See reverse for complete product listing
 Or visit www.thermo.com/owl

THERMO SCIENTIFIC POWER SUPPLIES

The quality you have come to expect from Thermo Scientific – updated for today's labs –



EC-300XL
 (2 stacked units shown)

EC Power Supplies

Simple-to-use, Lightweight Multi-purpose Units

Introducing four new models to meet your power supply needs, along with our classic best seller, the EC-105.

EC XL Series Highlights:

- Power-off memory retains settings after shutdown
- Lightweight, stackable design saves valuable benchtop space
- Soft-touch key pad makes operation easy

4 NEW power supply models



EC-200XL

EC-1000XL

EC-3000XL



EC-105

Power Supply Selection Guide

| Model | Max. Volt | Max. Current | Max. Power | No. of Jacks | DNA/RNA | Protein | Sequencing | Blotting |
|---------------------|-----------|--------------|------------|--------------|---------|---------|------------|----------|
| Compact | | | | | | | | |
| EC-105 | 250V | 300mA | 75W | 2 | • | | | |
| EC-300XL | 300V | 400mA | 75W | 3 | • | • | | • |
| High Current | | | | | | | | |
| EC-200XL | 200V | 2.0A | 200W | 4 | • | • | | • |
| Programmable | | | | | | | | |
| EC-1000XL | 1000V | 500mA | 250W | 4 | • | • | | • |
| EC-3000XL | 3000V | 400mA | 400W | 4 | • | • | • | |

SEQUENCING SYSTEMS AND BLOTTERS

POWER SUPPLIES

HORIZONTAL SYSTEMS

VERTICAL SYSTEMS