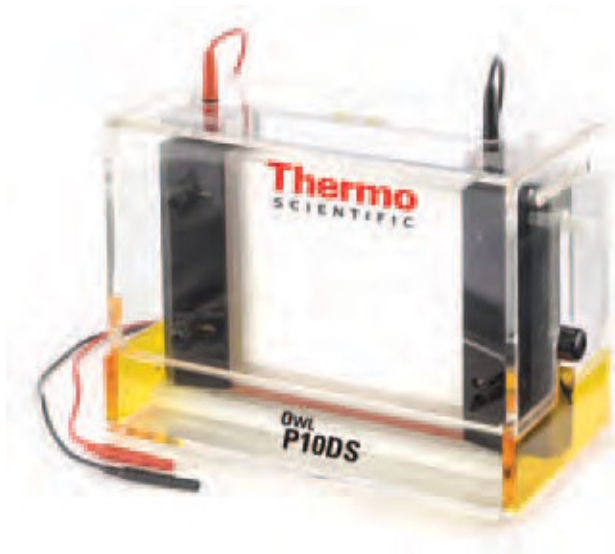


## Thermo Scientific Owl P10DS Dual-Gel Vertical Electrophoresis Systems

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
<b>P10DS-1</b>	P10DS Complete System plus Caster	Double-sided	20 × 20cm	30.5 × 16.5 × 23cm (12 × 6.5 × 9in.)	600mL	650mL	1250mL
<b>P10DS-2</b>	P10DS Complete System	Double-sided	20 × 20cm	30.5 × 16.5 × 23cm (12 × 6.5 × 9in.)	600mL	650mL	1250mL
<b>P10DS-3</b>	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
<b>PSL-5</b>	Power supply leads, 3 ft. (Includes one black and one red lead)	—
<b>P10DS-006</b>	Blocking Plate	—
<b>P10DS-008</b>	Lower Buffer Chamber	—
<b>P10DS-001</b>	Upper Buffer Chamber Assembly	—
<b>P10DS-012</b>	Super Safe Lid with Attached Power Supply Leads	—
<b>P10-GK</b>	Orange replacement gaskets (1 pair)	—
<b>P10-CL</b>	Side Clamps (1 pair)	—
<b>R10446</b>	Wing knob	—
<b>ST-10</b>	Sponge Tips (Pack of 10)	—
<b>P2-SC</b>	Spacer Set (2 sides, 1 bottom)	1.0cmW × 0.8mm thickness
<b>P2-SD</b>	Spacer Set (2 sides, 1 bottom)	1.0cmW × 1.5mm thickness
<b>P2-20R</b>	Notched glass	20cmL × 20cmW × 3/16" thickness
<b>P2-20G</b>	Blank glass	20cmL × 20cmW × 3/16" thickness
<b>P2-20FR</b>	Frosted notched glass	20cmL × 20cmW × 3/16" thickness
<b>P2-20FG</b>	Frosted blank glass	20cmL × 20cmW × 3/16" thickness
<b>P2-18G</b>	Offset glass	18cmL × 20cmW × 3/16" thickness
<b>P10-20R</b>	Notched glass	20cmL × 20cmW × 1/8" thickness
<b>P10-20G</b>	Blank glass	20cmL × 20cmW × 1/8" thickness
<b>P10-18G</b>	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)
<b>JGC-3</b>	Gel Casting System	20 × 20cm	23 × 17 × 17cm
<b>P2-CST</b>	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
<b>P2-10C</b>	Standard 10-tooth comb	0.8mm	13.6mm	239µL
<b>P2-10D</b>	Standard 10-tooth comb	1.5mm	13.6mm	449µL
<b>P2-15C</b>	Standard 15-tooth comb	0.8mm	8.2mm	144µL
<b>P2-15D</b>	Standard 15-tooth comb	1.5mm	8.2mm	271µL
<b>P2-20C</b>	Standard 20-tooth comb	0.8mm	5.5mm	97µL
<b>P2-20D</b>	Standard 20-tooth comb	1.5mm	5.5mm	182µL
<b>P2-25C</b>	Standard 25-tooth comb	0.8mm	3.9mm	69µL
<b>P2-25D</b>	Standard 25-tooth comb	1.5mm	3.9mm	129µL
<b>P2-PREP</b>	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.