

PowerEase Touch Power Supplies

Easy touchscreen programming and operation

The Invitrogen™ PowerEase™ Touch Power Supplies make setting up custom protocols or selecting one of the several preprogrammed gel electrophoresis and transfer methods a breeze with an improved 4.3-inch backlit LCD touchscreen display and user interface. The power supplies are ideal for DNA or RNA electrophoresis, SDS-PAGE, and native PAGE. The PowerEase Touch Power Supplies offer four sets of output jacks that can be used simultaneously and three modes: constant voltage, constant current, and constant power for flexibility of use and efficiency. The sturdy polyurethane feet and stackable housing design allow stacking of power supplies for a reduced footprint on the lab bench.

- **Ease of use**—LCD touchscreen display and user interface show clear menu prompts for easy use by hand or stylus and convenient monitoring of run progress
- **Convenient**—four sets of output terminals allow running of multiple electrophoresis units
- **Customizable**—program up to 100 custom methods, 20 steps per method, 999 minutes per step, or select one of several preprogrammed Invitrogen gel electrophoresis and transfer methods
- **Safety**—features automatic No Load, Over Temperature, Over Voltage, Over Current, Load Change, and Ground Leak detection



The PowerEase Touch 120W Power Supply is a medium-throughput power supply, with a maximum output of 300 V, 500 mA, and 120 W. The PowerEase Touch 350W Power Supply is a high-throughput power supply, with a maximum output of 300 V, 3 A (3,000 mA), and 350 W.

Learn more at thermofisher.com/powerease

Running gels

Mini gel running conditions in Invitrogen mini gel electrophoresis chamber systems.

	Voltage (V)	Approximate run time (min)
Bolt 4–12% Bis-Tris Plus gel (MES buffer)	200	20
Bolt 4–12% Bis-Tris Plus gel (MOPS buffer)	200	35
NuPAGE 4–12% Bis-Tris gel (MES buffer)	200	30
NuPAGE 4–12% Bis-Tris gel (MOPS buffer)	200	42
Novex Tris-Glycine gel, WedgeWell format (denatured)	225	25–40
Novex Tris-Glycine gel, WedgeWell format (native)	125	60–90
NuPAGE 3–8% Tris-Acetate gel (denatured)	150	50
NuPAGE 3–8% Tris-Acetate gel (native)	150	100
Novex 10–20% Tricine gel	125	65
NativePAGE 3–12% gel	150	80
Novex IEF gel, pH 3–10	100	60
	200	60
	500	30
Novex 10% Zymogram Plus gel (gelatin)	125	90

Note: Run times may vary depending on the power supply and gel percentage.

Midi gel running conditions in Invitrogen midi gel electrophoresis chamber systems.

	Voltage (V)	Approximate run time (min)
NuPAGE Bis-Tris gel (MES buffer)	200	30
NuPAGE Bis-Tris gel (MOPS buffer)	200	40
Novex Tris-Glycine Plus gel (denatured)	200	60
Novex Tris-Glycine Plus gel (native)	125	120
NuPAGE Tris-Acetate gel (denatured)	150	60
NuPAGE Tris-Acetate gel (native)	150	135

Note: Run times may vary depending on the power supply and gel percentage.

Product	Quantity	Cat. No.
Unstained standards		
HiMark Unstained Protein Standard	250 µL	LC5688
PageRuler Unstained Low Range Protein Ladder	2 x 250 µL	26632
PageRuler Unstained High Range Protein Ladder	2 x 250 µL	26637
PageRuler Unstained Protein Ladder	2 x 250 µL	26614
NativeMark Unstained Protein Standard	5 x 50 µL	LC0725
Prestained standards		
PageRuler Prestained Protein Ladder, 10–180 kDa	2 x 250 µL	26616
PageRuler Prestained Protein Ladder, 10–180 kDa	10 x 250 µL	26617
PageRuler Plus Prestained Protein Ladder, 10–250 kDa	2 x 250 µL	26619
PageRuler Plus Prestained Protein Ladder, 10–250 kDa	10 x 250 µL	26620
Spectra Multicolor Broad Range Protein Ladder	2 x 250 µL	26634
Spectra Multicolor Broad Range Protein Ladder	10 x 250 µL	26623
HiMark Prestained Protein Standard	250 µL	LC5699
Spectra Multicolor Low Range Protein Ladder	250 µL	26628
Spectra Multicolor High Range Protein Ladder	2 x 250 µL	26625
SeeBlue Prestained Protein Standard	500 µL	LC5625
SeeBlue Plus2 Prestained Protein Standard	500 µL	LC5925
Western standards		
iBright Prestained Protein Ladder	2 x 250 mL	LC5615
PageRuler Prestained NIR Protein Ladder	2 x 250 µL	26635
MagicMark XP Western Protein Standard	250 µL	LC5602
MagicMark XP Western Protein Standard	50 µL	LC5603
Specialty standards		
BenchMark Fluorescent Protein Standard	125 µL	LC5928
BenchMark His-Tagged Protein Standard	125 µL	LC5606
IEF Marker 3–10	500 µL	3921201
CandyCane Glycoprotein Molecular Weight Standards	400 µL	C21852
PeppermintStick Phosphoprotein Molecular Weight Standards	400 µL	P33350

Product	Quantity	Cat. No.
Coomassie stains		
PageBlue Protein Staining Solution	1 L	24620
SimplyBlue SafeStain	1 L	LC6060
SimplyBlue SafeStain	3.5 L	LC6065
Imperial Protein Stain	1 L	24615
Imperial Protein Stain	3 x 1 L	24617
Silver stains		
Pierce Silver Stain Kit	1 L	24612
SilverXpress Silver Staining Kit	1 kit	LC6100
Pierce Silver Stain for Mass Spectrometry	1 L	24600
Fluorescent and specialty stains		
SYPRO Orange Protein Gel Stain	500 µL	S6650
SYPRO Orange Protein Gel Stain	10 x 50 µL	S6651
SYPRO Red Protein Gel Stain	500 µL	S6653
SYPRO Red Protein Gel Stain	10 x 50 µL	S6654
SYPRO Ruby Protein Gel Stain	1 L	S12000
SYPRO Ruby Protein Gel Stain	200 mL	S12001
SYPRO Ruby Protein Gel Stain	5 L	S21900
Pro-Q Emerald 488 Glycoprotein Gel and Blot Stain	1 kit	P21875
Pro-Q Diamond Phosphoprotein Gel Stain	1 L	P33300
Pro-Q Diamond Phosphoprotein Gel Stain	200 mL	P33301
Pro-Q Diamond Phosphoprotein Gel Stain	5 L	P33302
No-Stain Protein Labeling Reagent	10 reactions	A44717
No-Stain Protein Labeling Reagent	40 reactions	A44449

Product	Quantity	Cat. No.
Electrophoresis chamber systems and power supplies		
Mini Gel Tank	1 unit	A25977
XCell SureLock Mini-Cell	1 unit	EI0001
SureLock Tandem Midi Gel Tank	1 each	STM1001
XCell4 SureLock Midi-Cell	1 each	WR0100
PowerEase Touch 350W Power Supply (115 VAC)	1 each	PS0350
PowerEase Touch 350W Power Supply (230 VAC)	1 each	PS0351
PowerEase Touch 120W Power Supply (115 VAC)	1 each	PS0120
PowerEase Touch 120W Power Supply (230 VAC)	1 each	PS0121