

2D ELECTROPHORESIS

POWER SUPPLIES



PROTEIN ELECTROPHORESIS

SPECTROSCOPY

BLOTTING

ELECTROPHORESIS REAGENTS

NUCLEIC ACID ELECTROPHORESIS

**PROVEN SOLUTIONS FOR ELECTROPHORESIS**

RADIATION PROTECTION

# Providing the Quality Tools You Need and Can Rely On to Get the Results you Expect

Hoefer has consistently brought high quality and reliable equipment, instrumentation, and consumables to meet and exceed the demands of the most discerning scientists. With budgets getting tighter and timelines shorter, it has become increasingly crucial to eliminate the delays and waste caused by inferior equipment.

Since Hoefer brought electrophoresis to the world in 1967, we continue to develop the tools and innovations that are giving scientists the edge they need in this increasingly competitive world. Our expertise and years of experience allow us to provide the best solutions for the most demanding applications.

- The world's fastest and easiest 2D Electrophoresis—Superior quality 2D gels the first time and every time (pages 3-6)
- High Throughput nucleic acid analysis—SUBHT (pages 52-53)
- Intelligent Semi-Dry Blotting units that take much of the guess-work out of blotting—TE70XP or TE77XP (page 58)
- A large range of vertical and horizontal electrophoresis solutions to meet every application and budget (pages 7-55)
- A complete offering of Auxiliary Electrophoresis products that ensure you get the results you expect (pages 130-143)

We look forward to partnering with you for all of your electrophoresis needs and thank you in advance for your support.

For technical assistance please contact us toll free at (800) 227-4750 or +1 (508) 893-8999, reach us by e-mail at [support@hoeferinc.com](mailto:support@hoeferinc.com), or visit [www.hoeferinc.com](http://www.hoeferinc.com)



<b>2-D Electrophoresis Selection Guide</b> .....	2
IEF100 First-dimension Isoelectric Focusing Unit .....	3
IEF100 Accessories and Replacement Parts .....	3
IPG Strips .....	4
Complete 2-D Electrophoresis Packages .....	5
SE900 Large Format Vertical Gel Electrophoresis Unit .....	6
SE900 Accessories and Replacement Parts .....	6
SE660 Tall Standard Dual Cooled Vertical Electrophoresis Unit .....	7
SE600X Chroma™ Deluxe Dual Cooled Vertical Electrophoresis Unit .....	8
SE600 Standard Dual Cooled Vertical Electrophoresis Unit .....	9
SE640 Wide-Mini Vertical Electrophoresis Unit .....	10
SE410 Tall Air-Cooled Vertical Electrophoresis Unit .....	11
SE400 Air-Cooled Vertical Electrophoresis Unit .....	12
SE300 miniVE™ Integrated Vertical Electrophoresis and Blotting Unit .....	13
SE260 Mighty Small™ II Deluxe Mini Vertical Electrophoresis Unit .....	14
SE250 Mighty Small™ II Mini Vertical Electrophoresis Unit .....	15
SQ33 Sequencer .....	16
SQ33 Sequencer Accessories and Replacement Parts .....	17
Vertical Electrophoresis Caster Selection Guide .....	18
Gel Casters for SE600 and SE400 Series Vertical Electrophoresis Units .....	19
Gel Casters-Small Format Vertical Electrophoresis .....	20
Vertical Gel Caster Replacement Parts .....	21
Glass and Alumina Plates for Vertical Electrophoresis Units .....	22
SE660 Vertical Electrophoresis System Replacement Parts .....	23
SE600X Chroma™ Electrophoresis System Replacement Parts .....	24
SE600 Vertical Electrophoresis System Replacement Parts .....	25
SE640 Wide-Mini Electrophoresis System Replacement Parts .....	26
SE400 and SE410 Vertical Electrophoresis Systems Replacement Parts .....	27
SE300 miniVE™ Electrophoresis System Replacement Parts .....	28
SE260 and SE250 Small Format Vertical Electrophoresis Replacement Parts .....	29
Accessories for SE660, SE600X Chroma, SE600, SE640, SE410, and SE400 .....	30
Accessories for miniVE, SE260, and SE250 Mini Electrophoresis Units .....	31
SE100 PlateMate™ Glass Plate Washer and Storage Kit .....	32
SG Series Gradient Makers .....	33

<b>Horizontal Electrophoresis Selection Guide</b> .....	35
HE33 Mini Horizontal Agarose Electrophoresis Unit .....	36
HE33 Accessories and Replacement Parts .....	37
HE99X Max Horizontal Agarose Electrophoresis Unit .....	38
HE99X Accessories and Replacement Parts .....	39
SUB6 Mini Submarine Gel Electrophoresis Unit .....	40
SUB6 Accessories and Replacement Parts .....	41
SUB10 Mini-Plus Submarine Gel Electrophoresis Unit .....	42
SUB10 Accessories and Replacement Parts .....	43
SUB13 Midi Submarine Gel Electrophoresis Unit .....	44
SUB13 Accessories and Replacement Parts .....	45
SUB15 Standard Submarine Gel Electrophoresis Unit .....	46
SUB15 Accessories and Replacement Parts .....	47
SUB20 Maxi-Standard and SUB20C Maxi-Cooled Submarine Gel Electrophoresis Units .....	48
SUB20 Maxi-Standard and SUB20C Maxi-Cooled Accessories and Replacement Parts .....	49
SUB25 Maxi-Plus Standard and SUB25C Maxi-Plus Cooled Submarine Gel Electrophoresis Units .....	50
SUB25 and SUB25C Maxi-Plus Standard and Cooled Accessories and Replacement Parts .....	51
SUBHT High Throughput Submarine Gel Electrophoresis Unit .....	52
SUBHT Accessories and Replacement Parts .....	53
HE-PLUS Electrophoresis System .....	54
HE-PLUS Accessories and Replacement Parts .....	55

## Blotting 56-67

<b>Blotting Unit Selection Guide</b> .....	57
TE70XP and TE77XP Semi-Dry Transfer Units with Built-In Power Supply .....	58
TE70XP and TE77XP Accessories and Replacement Parts .....	58
TE70X and TE77X Semi-Dry Transfer Units .....	59
TE70X and TE77X Accessories and Replacement Parts .....	59
TE22 Mighty Small™ Transfer Tank .....	60
TE22 Accessories and Replacement Parts .....	60
TE42 Standard Transfer Tank .....	61
TE42 Accessories and Replacement Parts .....	61
TE62 Standard Transfer Tank with Cooling Chamber .....	62
TE62 Accessories and Replacement Parts .....	62
Western Blotting System Packages .....	63
ImmunoBlot™ and ImmunoBlot XL Blotting Manifolds .....	64
ImmunoBlot and ImmunoBlot XL Blotting Manifolds Accessories and Replacement Parts .....	64
PR150 Deca-Probe™ Incubation Manifold .....	65
PR150 Accessories and Replacement Parts .....	65
PR648 Slot Blot Blotting Manifold .....	66
PR648 Accessories and Replacement Parts .....	66
Nylon, Nitrocellulose, and PVDF Blotting Membranes .....	67

## Power Supplies 68-74

<b>Power Supply Selection Guide</b> .....	69
PS300B 300 Volt Power Supply .....	70
PS200HC High Current Power Supply .....	71
PS2A200 High Current Power Supply .....	72
EV265 600 Volt Power Supply .....	73
Power Supply Adapters .....	74
High Voltage Leads .....	74

## Electrophoresis Reagents 75–79

Acrylamide	76
Agarose	76
Ammonium Persulfate (APS)	76
bis-Acrylamide	76
Boric Acid	76
Bromophenol Blue, Sodium Salt	76
CHAPS	76
Coomassie® Brilliant Blue G-250	76
Coomassie® Brilliant Blue R-250	77
CoZap™ Destaining Pads	77
Dithiothreitol	77
DQ302 DQ Fluorometry Standard	77
EDTA, 0.5 M Solution	77
Ethidium Bromide Destaining Bags	77
Glycerol	77
Glycine	77
Mineral Oil	77
PBS, 10X Solution, pH 7.4	77
Protein Determination Reagents	77
Sodium Dodecyl Sulfate (SDS)	77
Sodium Dodecyl Sulfate (SDS), 10% Solution	78
SSC, 20X Solution	78
Sucrose	78
TAE Buffer, 10X Solution	78
TBE Buffer, 5X Solution	78
TBE Buffer, 10X Ready-Mixed Powder	78
TBS, 20X Solution, pH 7.4	78
TBST, 20X Solution, pH 7.4	78
TE Buffer, 50X Solution	78
TEMED	78
Thiourea	78
Tricine	78
Tris	78
Tris-Glycine Buffer, 10X Solution	78
Tris-Glycine-SDS Buffer, 10X Solution	79
Tween® 20	79
Urea	79
Water, RNase-Free, DEPC	79
Water, RNase-Free, non-DEPC	79
<b>Carrier Ampholytes</b>	<b>79</b>

## Sample Preparation 80–120

Application Guide for Sample Preparation of Biological Mixtures . . . . .	82
Sample Preparation Technology Selection Guide . . . . .	83
Guide to Sample Preparation Products . . . . .	84-85
Introduction to SpinColumns™ . . . . .	86
Ultra-Micro SpinColumns™ . . . . .	87
Micro SpinColumns™ . . . . .	88
Macro SpinColumns™ . . . . .	89-90
96-Well Micro SpinColumns™ . . . . .	91
96-Well Macro SpinColumns™ . . . . .	92
Membrane-Bottom Filter Plates . . . . .	93
Filter Plate Accessories . . . . .	94
Reservoirs . . . . .	94
Storage/Collection Plates . . . . .	94
Accessories . . . . .	94
Introduction to DIALYZERS™ . . . . .	95
Guide to Dialysis Sample Preparation Products . . . . .	96-97
DIALYZERS™ (Reusable) . . . . .	98
Ultra-Fast DIALYZERS™ (Reusable) . . . . .	99
SpinDIALYZER and Fast SpinDIALYZER (Reusable) . . . . .	100
Membranes for DIALYZERS . . . . .	101
ElectroPrep™ . . . . .	102-104
Ultra-Fast DIALYZERS . . . . .	104
Link-Chambers . . . . .	104
Unions and Accessories . . . . .	104
Fast Flow-Thru DIALYZER™ . . . . .	105-106
Regenerated Cellulose Membranes for Flow-Thru DIALYZER . . . . .	106
Cellulose Acetate Membranes for Flow-Thru DIALYZER . . . . .	106
Polycarbonate Membranes for Flow-Thru DIALYZER . . . . .	106

## Sample Preparation, Continued

Ultra-Micro DispoDIALYZER™ (Single Use) .....	107
Micro DispoDIALYZER™ (Single Use) .....	108
Fast Macro DispoDIALYZER™ (Single Use) and Accessories .....	109
Concentrator .....	109
Membrane Minder .....	109
96-Well DispoDIALYZER™ (Single Use) .....	110
Introduction to Equilibrium Dialysis .....	111
Guide to Equilibrium Dialysis Products .....	112
Multi-Equilibrium DIALYZER™ (Reusable) .....	113
Fast Micro-Equilibrium DIALYZER (Reusable) .....	114-115
Fast Micro-Equilibrium DIALYZERS .....	115
Link Chambers .....	115
Regenerated Cellulose Membranes .....	115
Cellulose Acetate Membranes .....	115
Polycarbonate Membranes .....	115
DispoEquilibrium DIALYZER™ (Single Use) .....	116
Regenerated Cellulose .....	116
Cellulose Acetate .....	116
96-Well Equilibrium DIALYZER™ (Single Use) and Accessories .....	117
Single and Dual Plate Rotators .....	117
8-Plate Rotator Incubators .....	117
Introduction to Liposomes .....	118
Liposome Preparation .....	119
Liposomat .....	120

## Quantitation/Detection 121–127

DQ300 Fluorometer	122
DQ300 Accessories and Replacement Parts	122
Vision Life Science Spectrophotometer	123
Vision Accessories and Replacement Parts	123
MacroVue™ UV-20 and UV-25 UV Transilluminators	124
MacroVue™ UVis-20 Combination UV + Visible Light Transilluminator	125
TotalLab™ TL100 & TL120 1D Analysis Software Packages	126
2DView and 2DView lite 2-Dimensional Protein Electrophoresis Analysis Software Packages	127

## Auxiliary Electrophoresis Products 128–143

PCR Workstation	130
PR250 Mini Orbital Shaker	131
Variable Volume Pipettes	132
CF1000 Mini Centrifuge	133
UVC5000 Ultraviolet Crosslinker	134
UVC5000 Ultraviolet Crosslinker Accessories and Replacement Parts	134
UVC500 Crosslinker	135
UVC500 Crosslinker Accessories and Replacement Parts	135
HB1000 Hybridization Oven	136
HB1000 Hybridization Oven Accessories and Replacement Parts	136
SE1200 Easy Breeze™	137
SE1200 Easy Breeze™ Accessories and Replacement Parts	137
GD2000 Vacuum Gel-Drying System	138
GD2000 Vacuum Gel-Drying System Accessories and Replacement Parts	138
VP200 Vacuum Pump	139
VP200 Vacuum Pump Accessories and Replacement Parts	139
RCB20-PLUS Refrigerated and Heated Circulation Bath	140
RCB20-PLUS Refrigerated and Heated Circulation Bath Accessories and Replacement Parts	140
FH225V Ten-Place Filtration Manifold	141
FH225V Ten-Place Filtration Manifold Accessories and Replacement Parts	141
Mini-Peristaltic Pump	142
Peristaltic Pump	143
Peristaltic Pump Accessories and Replacement Parts	143

## Radiation Protection 144–153

Shields .....	146
Adjustable 0 to 15° Angle .....	146
Fixed 15° Angle Shields .....	146
Fixed 45° Angle Shields .....	147
Beta 3-Sided Shield .....	147
Gamma Base Plate .....	147
Storage Boxes .....	148
Beta Mini-Box with Hinged Lid .....	148
Midi-Boxes with Hinged Lids .....	148
Maxi-Boxes with Hinged Lids .....	149
Storage and Transport Block .....	149
Beta Tip Box .....	149
Transport Boxes and Container Covers .....	150
Beta Transit Box .....	150
Beta Carboy Cover .....	150
Hazard Signs .....	150
Beta and Gamma Bins .....	151
Beta Cabinet Workstation .....	152
Radiation Safety Bags .....	152
Safety Trays and Liners .....	153
<b>Complete Solutions for 2-D Electrophoresis and Western Blotting .....</b>	<b>154</b>
<b>2-D Electrophoresis Technical Support Resources .....</b>	<b>155</b>
<b>Terms and Conditions .....</b>	<b>156-157</b>