

# Electrical Accessories

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Dd

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Ii

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Kk

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Mm

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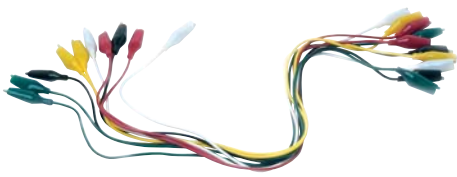
Vv

Ww

Xx

Yy

Zz



## Crocodile Leads

- 460mm long crocodile clip leads
- Ideal for use as test clips
- Terminated at each end with vinyl crocodile clips

Catalogue No	Description	Pack qty.
<b>E242-213</b>	Assorted Crocodile Leads	10



## Insulating Tape, PVC

Superior quality flame retardant electrical grade PVC self-adhesive insulating tape.

- Temperature range 0°C to 80°C
- Nominal thickness 0.15mm
- Dielectric breakdown 40kV/mm

Catalogue No	Description	Size	Pack qty.
<b>E242-330</b>	PVC insulating tape - assorted pack	19mm width x 20m length	1 x Red, Yellow, Green, Blue, White, Green/Yellow 2 x Black

E242-524



## Multimeter, 160 Analogue

- Full 90° three colour mirror scale
- 20 ranges
- Transistor test facility with a double jewelled precision moving coil movement
- Overload protection by fuse and dual silicon diodes
- Overall meter accuracy is 4% of full scale deflection
- Sensitivity is 20,000- /Volt DC and 9,000-/Volt AC
- Supplied complete with one red and one black test lead including probes, 2 x AA batteries, spare fuse and instruction manual

Catalogue No	<b>E242-524</b>	
Ranges Voltage DC	0.1, 0.5, 2.5, 10, 50, 250, 1000V	
Voltage AC	10, 50, 250, 1000V	
Current DC	50µA, 2.5mA, 25mA, 0.25A	
Resistance	2K-, 20K-, 200K-, 2M-, 20M-	
Gain (hFE)	0 to 1000 (at x10 range)	
Leakage current	0-150µA (1K range), 0-1.5mA (x100 range), 0-15mA (x10 range), 0-150mA (x1 range)	
AF output (dB)	-10dB-+22dB (for 10V AC) +62dB 0dB/0.775V (1mW through 600)	

E242-528



## Multimeter, 318 Digital LCD

A high accuracy 3½ digit multimeter with 32 ranges covering measurement of AC and DC voltage, current and resistance, as well as test positions for diodes and transistors.

- Audible continuity tester
- Large clear LCD display includes 'low battery' indicator
- Complete with rubberised holster for protection of the meter, wall mounting and storage of test probes
- Includes test leads, PP3 battery and instruction manual

Catalogue No	<b>E242-528</b>	
Ranges Voltage DC	200mV, 2V, 20V, 200V, 1000V	
Voltage AC	200mV, 2V, 20V, 200V, 700V	
Current DC	20µA, 200µA, 2mA, 20mA, 200mA, 2A, 10A	
Current AC	200µA, 2mA, 20mA, 200mA, 2A, 10A	
Resistance	200-, 2k-, 20k-, 200k-, 2M-, 20M-, 200M-	

## Electrophoresis, Horizontal Gel Unit, MultiSub Choice



The MultiSub Choice offers a wide degree of versatility for DNA and RNA agarose gel electrophoresis applications. Three different size gel trays are provided. This limits the need for multiple gel units for changes in gel size or application.

- Injection moulded construction with no indentations to interfere with sample progression
- Cassette type electrodes made of corrosion resistant pure platinum
- Low buffer volumes
- Safety lid with integral power leads
- Run up to 210 samples per gel
- Multichannel pipette compatible combs for speed loading
- Supplied with 3 gel trays of the following sizes:  
150mm x 70 mm  
150mm x 100 mm  
150mm x 150 mm

Catalogue No	Description
<b>E421-100</b>	MultiSub Choice system complete with 15 x 7,10 & 15cm UV trays, 2 x 20 well sample combs, loading guides and dams

### Spares & Accessories

Catalogue No	Description
<b>E421-110</b>	Consort power pack with large LCD display, 400 Volt, 300 mAmp, 50 Watts*
<b>E421-112</b>	MultiSub Choice, 150mm x 70mm UV tray
<b>E421-114</b>	MultiSub Choice, 150mm x 100mm UV tray
<b>E421-116</b>	MultiSub Choice, 150mm x 150mm UV tray
<b>E421-118</b>	MultiSub Choice, UV tray dams
<b>E421-120</b>	MultiSub Choice - Positive electrode
<b>E421-122</b>	MultiSub Choice - Negative electrode
<b>E421-124</b>	Loading guides
<b>E421-126</b>	Lid for MultiSub Choice
<b>E421-128</b>	150mm UV gel scoop

\* 110VAC Model available on request

### Accessory combs for MultiSub Choice

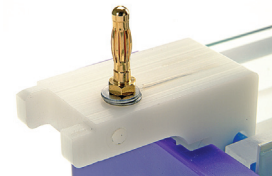
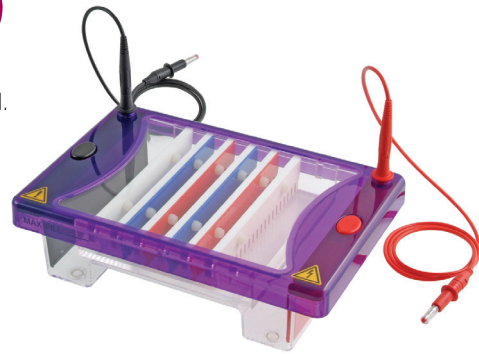
Number of wells	1 mm wide	1.5 mm wide	2 mm wide
1	<b>E421-202</b>	<b>E421-231 (prep)</b>	<b>E421-262 (prep)</b>
2	<b>E421-204 (prep)</b>	<b>E421-233 (prep)</b>	<b>E421-264 (prep)</b>
4	<b>E421-206 (prep)</b>	<b>E421-235 (prep)</b>	<b>E421-266 (prep)</b>
10	<b>E421-208</b>	<b>E421-237</b>	<b>E421-268</b>
14	<b>E421-210*</b>	<b>E421-239*</b>	<b>E421-270*</b>
20	<b>E421-214</b>	<b>E421-243</b>	<b>E421-274</b>
28	<b>E421-216*</b>	<b>E421-245*</b>	<b>E421-276*</b>
30	<b>E421-218*</b>	<b>E421-247*</b>	<b>E421-278*</b>

\* Multichannel pipette compatible combs

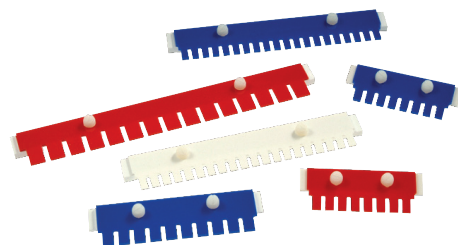
## Note:

Other horizontal gel electrophoresis units are available upon request please contact our technical sales department for further information

E421-100



E421-110



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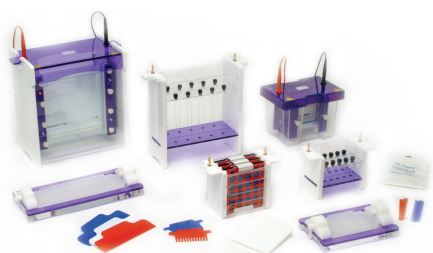
Yy

Zz

## Electrophoresis, Vertical Gel Unit, OmniPage Series



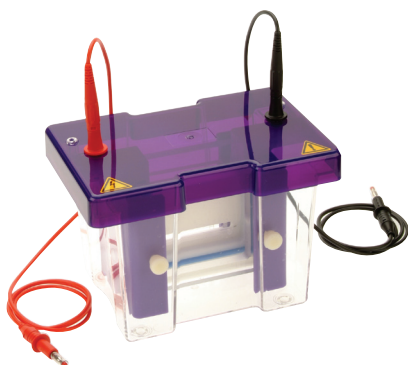
The OmniPage Series is a range of versatile, safe and easy-to-use vertical gel electrophoresis systems for modern day applications including protein and nucleic acid separations, Mini SDS-PAGE, preparative, Peptide and Gradient pore separations.



Common features throughout the range include:

- Run up to 4 gels at a time using a triple glass plate sandwich
- Interchangeable modules for slab gel 2-D electrophoresis as well as electroblotting using a single universal buffer tank
- Compatible with all major brands of precast gels
- Effective buffer cooling using a cooling pack, ensure high resolution without added cost
- Asymmetric electrode offset prevents accidental polarity reversal ensuring no possibility of sample loss into the buffer
- Corrosion resistant pure platinum electrodes and gold plated terminals
- Safety lids with integral power leads

E421-420



### OmniPage Mini System

Designed for routine, low throughput analysis. Gel casting and running utilise the same insert, no transfer of glass plates is necessary. The unit incorporates a sealing system which is compatible with all major types of 80 x 100mm and 100 x 100mm precast gels. Supplied complete with integral gel running module, 100 x 100mm glass plates with bonded 1mm thick spacers, cooling pack, dummy plate, 2 x 12 sample combs and casting base.

Catalogue No	<b>E421-420</b>
Model	OmniPage Mini
Plate dimensions (w x l), mm	100 x 100
Gel dimensions (w x l), mm	75 x 80
Maximum sample capacity	80 samples, 20 samples per gel
Buffer volume minimum, ml	250
maximum, ml	1200
Overall dimensions (w x d x h), mm	190 x 130 x 150

### Accessories

Catalogue No	Description	For use with
<b>E421-433</b>	MP-250 Power pack, programmable, 250 Volt, 700 mAmp, 150 Watts	OmniPage Mini
<b>E421-441</b>	10cm x 10cm notched glass plates, 2mm thick (pack of 2)	OmniPage Mini
<b>E421-443</b>	10cm x 10cm plain glass plates, 0.75mm bonded spacers (pack of 2)	OmniPage Mini
<b>E421-445</b>	10cm x 10cm plain glass plates, 1mm bonded spacers (pack of 2)	OmniPage Mini
<b>E421-447</b>	10cm x 10cm plain glass plates, 1.5mm bonded spacers (pack of 2)	OmniPage Mini
<b>E421-449</b>	10cm x 10cm plain glass plates, 2mm bonded spacers (pack of 2)	OmniPage Mini

### Accessory combs for OmniPage Mini

Supplied singly.



No of samples	0.75 mm Thickness	1 mm Thickness	1.5 mm Thickness	2 mm Thickness
1	<b>E421-500</b>	<b>E421-521</b>	<b>E421-540</b>	<b>E421-561</b>
10	<b>E421-502</b>	<b>E421-523</b>	<b>E421-542</b>	<b>E421-563</b>
12	<b>E421-504</b>	<b>E421-525</b>	<b>E421-544</b>	<b>E421-565</b>
20	<b>E421-508</b>	<b>E421-529</b>	<b>E421-548</b>	<b>E421-569</b>

\* Multichannel pipette compatible combs

## OmniPage Maxi System



E421-700



Designed for the high throughput laboratory where exemplary gel quality and high-resolution separations are required. These units offer improved set up times and ease of use with either hand cast or precast gels. Rapid set up cooling retains resolution in extended separations and also saves on buffer volume without compromising run quality. The unit comprises 200mm x 200mm dual with glass plates with bonded 1mm thick spacers, 2 x 24 sample combs, cooling pack, dummy plate and casting base.

Catalogue No	<b>E421-700</b>
Model	OmniPage Maxi
Plate dimensions (wxl), mm	200 x 200
Gel dimensions (wxl), mm	160 x 175
Maximum sample capacity	192 samples, 48 samples per gel
Buffer volume minimum, ml	1200
maximum, ml	5600
Overall dimensions (wxdxh), mm	260 x 160 x 280

### Accessories

Catalogue No	Description	For use with
<b>E421-746</b>	Consort Power pack, fully programmable, 600 Volt, 1000 mAmp, 300 Watts*	OmniPage Maxi
<b>E421-751</b>	20cm x 20cm notched glass plates, 4mm thick (pack of 2)	OmniPage Maxi
<b>E421-753</b>	20cm x 20cm plain glass plates, 0.75mm bonded spacers (pack of 2)	OmniPage Maxi
<b>E421-755</b>	20cm x 20cm plain glass plates, 1mm bonded spacers (pack of 2)	OmniPage Maxi
<b>E421-757</b>	20cm x 20cm plain glass plates, 1.5mm bonded spacers (pack of 2)	OmniPage Maxi
<b>E421-759</b>	20cm x 20cm plain glass plates, 2mm bonded spacers (pack of 2)	OmniPage Maxi

\* 110VAC Model available on request

E421-746



### Accessory Combs for OmniPage Maxi

No of samples	0.75 mm Thickness	1 mm Thickness	1.5 mm Thickness	2 mm Thickness
1	<b>E421-800</b>	<b>E421-821</b>	<b>E421-840</b>	<b>E421-861</b>
24	<b>E421-804</b>	<b>E421-825</b>	<b>E421-844</b>	<b>E421-865</b>
48	<b>E421-808</b>	<b>E421-829</b>	<b>E421-848</b>	<b>E421-869</b>

\* Multichannel pipette compatible combs



## OmniPage Electroblotting Unit

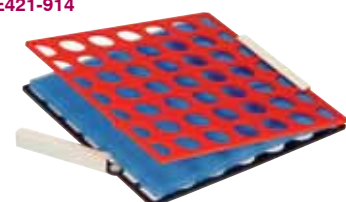
Stand alone units for electroblotting, Mini 100 x 100mm and Maxi 200 x 200mm formats, include OmniPage tank and lid, electroblotting insert, cassettes and fibre pads. Units are interchangeable with OmniPage slab and tube gel inserts. Hinged rigid cassettes allow rapid set up, convenience and ensure even contact with the membrane is maintained.

Catalogue No	Description
<b>E421-910</b>	OmniPage Blot Mini, 100mm x 100mm system including tank and lid, 3 cassettes, 6 fibre pads and cooling pack
<b>E421-912</b>	OmniPage Blot Mini Insert, includes 3 cassettes and 6 fibre pads
<b>E421-914</b>	OmniPage Blot Mini Cassette
<b>E421-916</b>	Fibre pads, pack of 6
<b>E421-918</b>	OmniPage Blot Maxi, 200mm x 200mm system including tank and lid, 3 cassettes, 6 fibre pads and cooling pack
<b>E421-920</b>	OmniPage Blot Maxi Insert, includes 3 cassettes and 6 fibre pads
<b>E421-922</b>	OmniPage Blot Maxi Cassette
<b>E421-924</b>	Fibre pads, pack of 6
<b>E421-926</b>	Consort power supply, 300V, 2000 mAmp, 300 Watts

E421-912



E421-914



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Cc

Dd

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