

# Electrophoresis

## Large Format Vertical Electrophoresis Units



Ideal for a variety of large format gel application, including DNA sequencing, 2-D analysis, micro-satellite analysis, DNA fingerprinting, gel shift assays, single-strand conformation polymorphism (SSCP), heteroduplex and oligonucleotide analysis.

- ◆ Choice of models offering gel sizes:
  - 20 x 50cm
  - 33 x 45cm
- ◆ Robust acrylic construction
- ◆ Ultra-soft seals ensure that an even, parallel pressure is applied to the gel plate
- ◆ Integral aluminium heat sink plate providing enhanced resolution and even sample migration
- ◆ Low or high buffer volumes possible for economy or extended run use, respectively
- ◆ Corrosion-free, gold-plated connectors and terminals
- ◆ Platinum wire electrodes with assymetric offset fitting to prevent accidental polarity reversal

Model		CSQ20	CSQ33
Gel size	cm	20 x 50	33 x 45
Buffer volume			
	min. ml	500	800
	max. ml	1000	2000
Overall			
	Height mm	550	500
	Width mm	300	450
	Depth mm	160	160

### Large Vertical Gel Units

As described. Supplied with integral aluminium heat sink plate, gel casting module, two each notched and plain float glass plates, one set of 0.35mm thick spacers and one 48-well 0.35mm thick sharks tooth comb. Require power supply for operation.

**EL305-10** CSQ20  
**EL305-20** CSQ33

Alternative comb configurations and spacer sets are available – details on request.

Power supplies – see EL340.

### Accessory combs for CSQ20 only, supplied singly

	Wells	Thickness, mm	Well vol. l*
<b>Sharks tooth</b>			
<b>EL306-03</b>	24	0.25	7
<b>EL306-06</b>	48	0.25	3
<b>EL306-09</b>	24	0.35	40
<b>EL306-12</b>	48	0.35	20
<b>Square tooth</b>			
<b>EL306-15</b>	24	1.00	7
<b>EL306-18</b>	48	1.00	9
<b>EL306-21</b>	24	1.50	35
<b>EL306-24</b>	48	1.50	20

\*Sample volume for a 5mm thick gel.

### Spacer sets and spare glass plates for CSQ20 only

#### Spacer sets

<b>EL306-60</b>	0.25mm thick	<b>EL306-68</b>	1.00mm thick
<b>EL306-64</b>	0.35mm thick	<b>EL306-70</b>	1.50mm thick

#### Glass plates

<b>EL306-75</b>	Glass plates, notched, pack of 2	<b>EL306-77</b>	Glass plates, plain, pack of 2
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### Accessory combs for CSQ33 only, supplied singly

	Wells	Thickness, mm	Well vol. l*
<b>Sharks tooth</b>			
<b>EL309-04</b>	48	0.25	9
<b>EL309-07</b>	96	0.25	5
<b>EL309-10</b>	48	0.35	60
<b>EL309-13</b>	96	0.35	30
<b>Square tooth</b>			
<b>EL309-16</b>	48	1.00	9
<b>EL309-19</b>	80	1.00	6
<b>EL309-22</b>	48	1.50	50
<b>EL309-25</b>	80	1.50	30

\*Sample volume for a 5mm thick gel.

### Spacer sets and spare glass plates for CSQ33 only

#### Spacer sets

<b>EL309-60</b>	0.25mm thick	<b>EL309-68</b>	1.00mm thick
<b>EL309-64</b>	0.35mm thick	<b>EL309-70</b>	1.50mm thick

#### Glass plates

<b>EL309-75</b>	Glass plates, notched, pack of 2	<b>EL306-77</b>	Glass plates, plain, pack of 2
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EL305