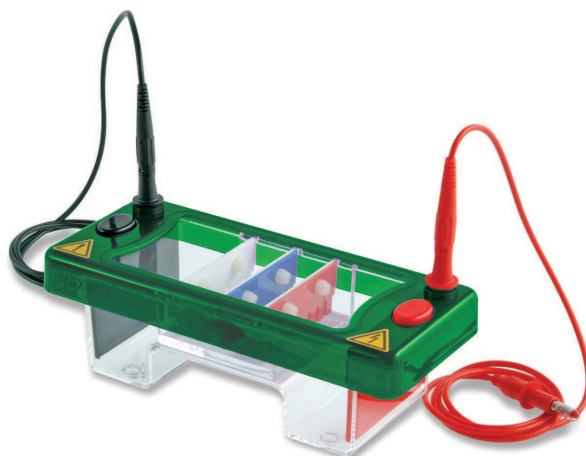


<b>Gel dimensions</b>	7x7cm 7x10 cm
<b>Buffer volume</b>	225ml
<b>Sample Capacity</b>	64
<b>Unit Dimensions</b>	21x9x9 cm

**Recommended power supply**  
EV1450  
EV2310

EHS1100 is the smallest unit in the range, designed for low to medium numbers of samples.

The small gel size maximises run economy but does not compromise versatility. This compact unit is capable of resolving up to 64 different samples.



### Complete System

Code	Description
<b>EHS1100-SYS</b>	Mini horizontal unit, 7x7 cm casting tray, 7x10 cm casting tray loading guides, gates, 2 combs: 8 sample, 1mm
<b>EHS1101-SYS</b>	Mini horizontal unit, 7x7 cm casting tray loading guides, gates 2 combs: 8 sample, 1 mm
<b>EHS1102-SYS</b>	Mini horizontal unit, 7x10 cm casting tray loading guides, gates 2 combs: 8 sample, 1 mm

### Combs

Code	Description	Sample volume
<b>EHS1100-C8-0.8</b>	0.75 mm thick, 8 sample	19 µl
<b>EHS1100-C10-0.8</b>	0.75 mm thick, 10 sample	14 µl
<b>EHS1100-C16-0.8</b>	0.75 mm thick, 16 sample	7 µl
<b>EHS1100-C8-1.0</b>	1 mm thick, 8 sample	25 µl
<b>EHS1100-C10-1.0</b>	1 mm thick, 10 sample	18 µl
<b>EHS1100-C16-1.0</b>	1 mm thick, 16 sample	10 µl
<b>EHS1100-C8-1.5</b>	1.5 mm thick, 8 sample	37 µl
<b>EHS1100-C10-1.5</b>	1.5 mm thick, 10 sample	27 µl
<b>EHS1100-C16-1.5</b>	1.5 mm thick, 16 sample	14 µl
<b>EHS1100-C8-2.0</b>	2 mm thick, 8 sample	50 µl
<b>EHS1100-C10-2.0</b>	2 mm thick, 10 sample	36 µl
<b>EHS1100-C16-2.0</b>	2 mm thick, 16 sample	20 µl

### Preparative Combs

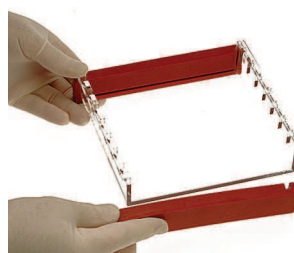
Code	Description	Sample volume
<b>EHS1100-P1-0.8</b>	prep 1, marker 1, 0.75mm	142 µl
<b>EHS1100-P2-0.8</b>	prep 2, marker 2, 0.75mm	68 µl
<b>EHS1100-P4-0.8</b>	prep 4, marker 4, 0.75mm	36 µl
<b>EHS1100-P1-1.0</b>	prep 1, marker 1, 1mm	203 µl
<b>EHS1100-P2-1.0</b>	prep 2, marker 2, 1mm	90 µl
<b>EHS1100-P4-1.0</b>	prep 4, marker 4, 1mm	48 µl
<b>EHS1100-P1-1.5</b>	prep 1, marker 1, 1.5mm	303 µl
<b>EHS1100-P2-1.5</b>	prep 2, marker 2, 1.5mm	135 µl
<b>EHS1100-P4-1.5</b>	prep 4, marker 4, 1.5mm	72 µl
<b>EHS1100-P1-2.0</b>	prep 1, marker 1, 2mm	405 µl
<b>EHS1100-P2-2.0</b>	prep 2, marker 2, 2mm	180 µl
<b>EHS1100-P4-2.0</b>	prep 4, marker 4, 2mm	96 µl

### Microtiter Combs

Code	Description	Sample volume
<b>EHS1100-CMT8-0.8</b>	0.75 mm thick, 8 sample MC	8 µl
<b>EHS1100-CMT12-0.8</b>	0.75 mm thick, 12 sample MC	10 µl
<b>EHS1100-CMT8-1.0</b>	1 mm thick, 8 sample MC	11 µl
<b>EHS1100-CMT12-1.0</b>	1 mm thick, 12 sample MC	14 µl
<b>EHS1100-CMT8-1.5</b>	1.5 mm thick, 8 sample MC	17 µl
<b>EHS1100-CMT12-1.5</b>	1.5 mm thick, 12 sample MC	20 µl
<b>EHS1100-CMT8-2.0</b>	2 mm thick, 8 sample MC	23 µl
<b>EHS1100-CMT12-2.0</b>	2 mm thick, 12 sample MC	27 µl

### Replacement parts & Accessories

Code	Description
<b>EHS1100-TRAY7</b>	Gel casting tray, 7x7 cm
<b>EHS1100-TRAY10</b>	Gel casting tray, 7x10 cm
<b>EHS1100-GATE</b>	Casting gates, pk/2
<b>EHS1100-POS</b>	Positive electrode cassette (red)
<b>EHS1100-NEG</b>	Negative electrode cassette (black)
<b>EHS1100-LG</b>	Adhesive loading guides
<b>EHS1100-BUFSAVE</b>	Buffer saving blocks, pk/2 (saves 100 ml of buffer)
<b>EHS1100-COOL</b>	Cool-pack and platform
<b>EHS1100-SCOOP</b>	Gel scoop, 7 cm



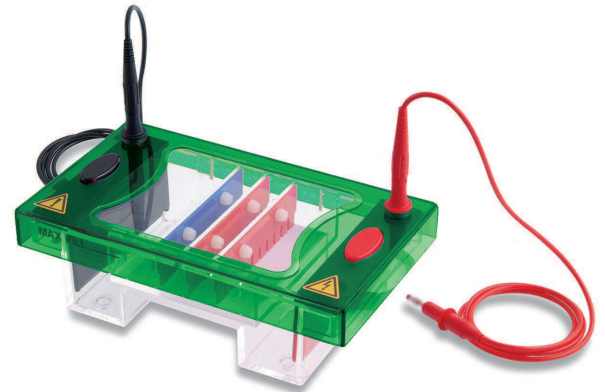
Casting dams allow gels to be rapidly cast externally while the unit is in use for gel running<sup>1</sup>

<b>Gel dimensions</b>	10x7cm 10x10 cm
<b>Buffer volume</b>	300ml
<b>Sample Capacity</b>	100
<b>Unit Dimensions</b>	22x12.5x9 cm

**Recommended power supply**  
EV1450  
EV2310

EHS1200 allows more samples to be resolved per gel without a significant increase in buffer or gel volumes.

100 samples per gel can be resolved making this unit ideal for those routinely checking medium numbers of samples over short to medium gel run lengths.



### Ordering codes

Code	Description
<b>EHS1200-SYS</b>	Midi horizontal unit, 10x7 cm casting tray, 10x10 cm casting tray loading guides, gates 2 combs: 16 sample, 1 mm
<b>EHS1201-SYS</b>	Midi horizontal unit, 10x7 cm casting tray loading guides, gates 2 combs: 16 sample, 1 mm
<b>EHS1202-SYS</b>	Midi horizontal unit, 10x10 cm casting tray loading guides, gates 2 combs: 16 sample, 1 mm

### Combs

Code	Description	Sample volume
<b>EHS1200-C8-0.8</b>	0.75 mm thick, 8 sample	30 µl
<b>EHS1200-C12-0.8</b>	0.75 mm thick, 12 sample	17 µl
<b>EHS1200-C16-0.8</b>	0.75 mm thick, 16 sample	12 µl
<b>EHS1200-C25-0.8</b>	0.75 mm thick, 25 sample	7 µl
<b>EHS1200-C8-1.0</b>	1 mm thick, 8 sample	41 µl
<b>EHS1200-C12-1.0</b>	1 mm thick, 12 sample	23 µl
<b>EHS1200-C16-1.0</b>	1 mm thick, 16 sample	16 µl
<b>EHS1200-C25-1.0</b>	1 mm thick, 25 sample	10 µl
<b>EHS1200-C8-1.5</b>	1.5 mm thick, 8 sample	61 µl
<b>EHS1200-C12-1.5</b>	1.5 mm thick, 12 sample	34 µl
<b>EHS1200-C16-1.5</b>	1.5 mm thick, 16 sample	24 µl
<b>EHS1200-C25-1.5</b>	1.5 mm thick, 25 sample	15 µl
<b>EHS1200-C8-2.0</b>	2 mm thick, 8 sample	81 µl
<b>EHS1200-C12-2.0</b>	2 mm thick, 12 sample	45 µl
<b>EHS1200-C16-2.0</b>	2 mm thick, 16 sample	32 µl
<b>EHS1200-C25-2.0</b>	2 mm thick, 25 sample	20 µl

### Preparative Combs

Code	Description	Sample volume
<b>EHS1200-P1-0.8</b>	0.75 mm thick, prep 1, marker 1	270 µl
<b>EHS1200-P2-0.8</b>	0.75 mm thick, prep 2, marker 2	118 µl
<b>EHS1200-P4-0.8</b>	0.75 mm thick, prep 4, marker 2	57 µl
<b>EHS1200-P1-1.0</b>	1 mm thick, prep 1, marker 1	360 µl
<b>EHS1200-P2-1.0</b>	1 mm thick, prep 2, marker 2	158 µl
<b>EHS1200-P4-1.0</b>	1 mm thick, prep 4, marker 4	77 µl
<b>EHS1200-P1-1.5</b>	1.5 mm thick, prep 1, marker 1	540 µl
<b>EHS1200-P2-1.5</b>	1.5 mm thick, prep 2, marker 2	236 µl
<b>EHS1200-P4-1.5</b>	1.5 mm thick, prep 4, marker 4	115 µl
<b>EHS1200-P1-2.0</b>	2 mm thick, prep 1, marker 1	720 µl
<b>EHS1200-P2-2.0</b>	2 mm thick, prep 2, marker 2	315 µl
<b>EHS1200-P4-2.0</b>	2 mm thick, prep 4, marker 4	153 µl

### Microtiter Combs

Code	Description	Sample volume
<b>EHS1200-CMT10-0.8</b>	0.75 mm thick, 10 sample MC	20 µl
<b>EHS1200-CMT20-0.8</b>	0.75 mm thick, 20 sample MC	10 µl
<b>EHS1200-CMT10-1.0</b>	1 mm thick, 10 sample MC	27 µl
<b>EHS1200-CMT20-1.0</b>	1 mm thick, 20 sample MC	14 µl
<b>EHS1200-CMT10-1.5</b>	1.5 mm thick, 10 sample MC	41 µl
<b>EHS1200-CMT20-1.5</b>	1.5 mm thick, 20 sample MC	20 µl
<b>EHS1200-CMT10-2.0</b>	2 mm thick, 10 sample MC	54 µl
<b>EHS1200-CMT20-2.0</b>	2 mm thick, 20 sample MC	27 µl

### Replacement parts & Accessories

Code	Description
<b>EHS1200-TRAY7</b>	Gel casting tray, 10x7 cm
<b>EHS1200-TRAY10</b>	Gel casting tray, 10x10 cm
<b>EHS1200-GATE</b>	Casting gates, pk/2
<b>EHS1200-POS</b>	Positive electrode cassette (red)
<b>EHS1200-NEG</b>	Negative electrode cassette (black)
<b>EHS1200-LG</b>	Adhesive loading guides
<b>EHS1200-BUFSAVE</b>	Buffer saving blocks, pk/2 (saves 100 ml of buffer)
<b>EHS1200-COOL</b>	Cool-pack and platform
<b>EHS1200-SCOOP</b>	Gel scoop, 10 cm



Loading guides allow easy well identification and sample loading