

Voltage (V)	Model	Parameter range	Optimum voltage (V)	Optimum current (mA)	Maximum power (W)	Min. load resistance	Number of programs	Recommended application
6000	EV262	60...6000 V 2...150 mA 3...300 W	100...6000 V	0...150 mA	300 W	1200 Ω	9x9	DNA Sequencing Flat bed Isoelectric Focusing Long Vertical Gel
3000	EV233	30...3000 V 3...300 mA 3...300 W	50...3000 V	0...300 mA	300 W	300 Ω	9x9	DNA Sequencing Flat bed Isoelectric Focusing Horizontal Gel, Vertical Gel, Electro-elution
1200	EV215	12...1200 V 5...500 mA 3...300 W	20...1200 V	0...500 mA	300 W	70 Ω	9x9	Flat bed Isoelectric Focusing Horizontal Gel, Vertical Gel Electro-elution
600	EV261	6...600 V 10...1000 mA 3...300 W	10...600 V	0...1000 mA	300 W	15 Ω	9x9	Horizontal Gel Vertical Gel Electro-elution
600	EV265	6...600 V 5...500 mA 2...150 W	10...600 V	0...500 mA	150 W	30 Ω	9x9	Horizontal Gel Vertical Gel Electro-elution
400	EV245	4...400 V 5...500 mA 1...50 W	10...400 V	0...500 mA	50 W	30 Ω	9x9	Horizontal Gel Vertical Gel Electro-elution
300	EV202	3...300 V 20...2000 mA 3...300 W	5...300 V	0...2000 mA	300 W	5 Ω	9x9	Western Blotting Semi-dry Blotting Horizontal Gel, Vertical Gel
300	EV231	3...300 V 10...1000 mA 2...150 W	5...300 V	0...1000 mA	150 W	10 Ω	9x9	Mini Western Blotting Mini Semi-dry Blotting Horizontal Gel, Vertical Gel

E3xxx series

Horizontal units



**Injection mulded construction**

Durable, leak-proof environment for complete safety and long life.

**Cassette type electrodes**

Inexpensive, easy to replace. Made of 99.99% corrosion resistant, pure platinum.

**Electrical safety**

Lid can be located in one way only. On removal, power is disconnected from buffer chamber.

**UV transparent trays**

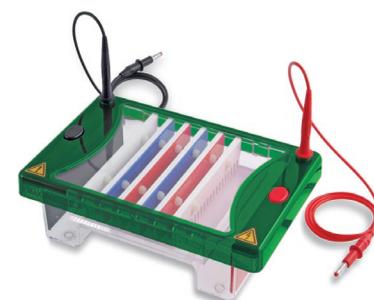
All units contain removable UV transparent trays.

**Multiple gel trays**

Gel size and sample number requirements can be exactly matched in each unit, with the option of additional gel tray sizes. This eliminates the need for multiple gel tanks for changes in gel size or application. With no indentations or casting gate grooves in the tray to interfere with sample progression, traditional tape casting can be used, should this be preferred.

**Easy to use**

Leak proof "Plug and Go" casting dams allow gels to be rapidly cast externally while the tank remains in use for electrophoresis.



- This IEF system has been designed to perform all flat bed IEF techniques, including wick-based electrophoresis with horizontal and hand-cast IEF gels, and focusing with IPG strips.
- The unit includes a large cooling platform which offers increased strip capacity and active gel area.
- Uniform cooling of the platform is achieved using a large ceramic plate that may be connected to any standard chiller via quick-fit connectors for enhanced gel or strip cooling.
- An optional rehydration tray is also available for overnight rehydration of up to twelve IPG strips before use.
- Unit dimensions (WxDxH): 55x35x10 cm
- Recommended power supply: EV215



CODE	DESCRIPTION
E3800	Isoelectric focusing system, 26x26 cm
E3830	Replacement positive electrode cassette (red)
E3831	Replacement negative electrode cassette (black)
E3832	Replacement glass platform
E3833	Replacement electrode frame
E3834	Rehydration tray

## E3100

## Mini rapid horizontal unit

- The mini rapid horizontal unit is a completely self contained system designed for quick checks of samples. Gel casting, running and analysis are all performed in the same ultra compact unit.
- Buffer and gel volumes have been kept to a minimum and the parallel electrode arrangement allows ultra efficient current transfer, enabling resolution to be completed within 30 minutes.
- The UV transparent base allows direct viewing on a UV Transilluminator with no need for time consuming transfer and potential gel damage.
- Dual comb slots allow the loading of up to 40 samples per gel while multichannel pipette compatible combs further enhance the speed and convenience.
- Gel dimensions (WxL): 10x8 cm
- Buffer volume: 50 ml
- Maximum sample capacity: 40
- Unit dimensions (WxDxH): 15x15x4 cm
- Recommended power supply: EV245



For routine, rapid checking of samples

CODE	DESCRIPTION
E3100	Mini rapid system, 10x8 cm + dams + 2 combs, 1.5 mm thick, 8 samples
E3120	Replacement casting dams, pk/2
E1091	Replacement platinum wire, 0.2 mm thick, 50 cm

## Combs

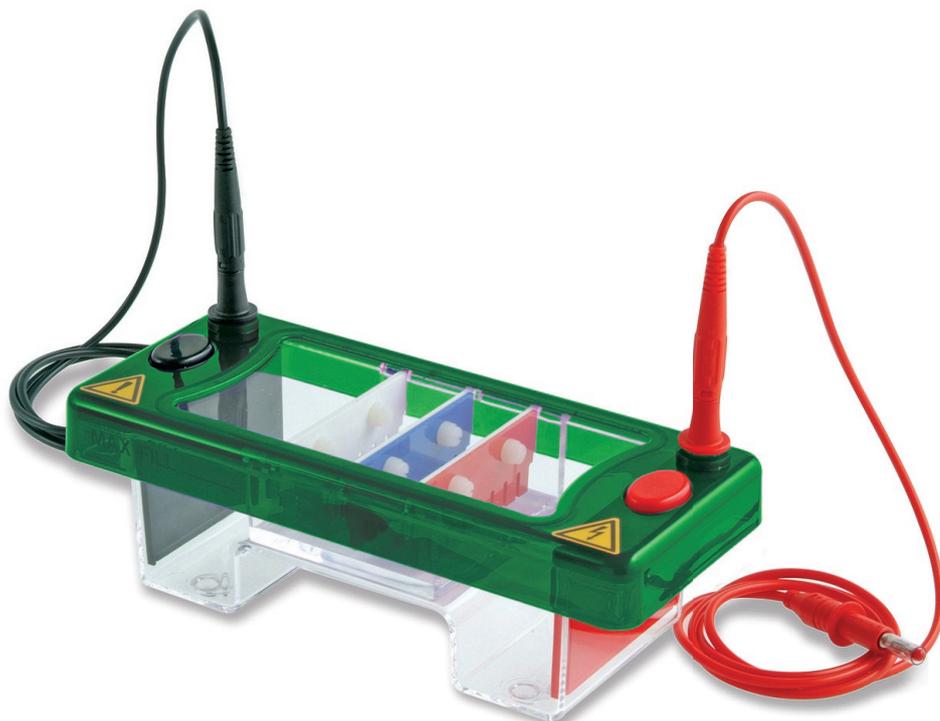
CODE	DESCRIPTION	SAMPLE VOLUME
E3140	Comb, 1 mm thick, 1 sample, 1 dye	330 µl
E3141	Comb, 1 mm thick, 4 sample	90 µl
E3142	Comb, 1 mm thick, 8 sample	40 µl
E3143	Comb, 1 mm thick, 12 sample	25 µl
E3144	Comb, 1 mm thick, 16 sample	15 µl
E3145	Comb, 1 mm thick, 20 sample MC	10 µl

MC = compatible with multi-channel pipettes

## Combs

CODE	DESCRIPTION	SAMPLE VOLUME
E3146	Comb, 1.5 mm thick, 1 sample, 1 dye	495 µl
E3147	Comb, 1.5 mm thick, 4 sample	135 µl
E3148	Comb, 1.5 mm thick, 8 sample	60 µl
E3149	Comb, 1.5 mm thick, 12 sample	38 µl
E3150	Comb, 1.5 mm thick, 16 sample	23 µl
E3151	Comb, 1.5 mm thick, 20 sample MC	15 µl

MC = compatible with multi-channel pipettes



- The mini horizontal unit 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 as two tray options are available, 7x7 cm and 7x10 cm, and combs ranging from preparative up to 16 samples.
- Simply by altering the gel tray or comb, this compact unit is capable of resolving up to 64 different samples, prepping 1 ml of sample or separating sample bands over a distance of 9 cm.
- Gel dimensions (WxL):  
7x7 or 7x10 cm
- Buffer volume: 225 ml
- Maximum sample capacity: 64
- Unit dimensions (WxDxH):  
21x9x9 cm
- Recommended power supplies:  
EV245, EV231

Designed for quick checks of low to medium numbers of samples

CODE	DESCRIPTION
E3200	Complete mini horizontal system + 7x7 & 7x10 cm gel casting trays + loading guides + dams + 2 combs, 1 mm thick, 8 samples
E3201	Mini horizontal unit + 7x7 cm gel casting tray + loading guides + dams + 2 combs, 1 mm thick, 8 samples
E3202	Mini horizontal unit + 7x10 cm gel casting tray + loading guides + dams + 2 combs, 1 mm thick, 8 samples

### Combs

CODE	DESCRIPTION	SAMPLE VOLUME
E3240	Comb, 0.75 mm thick, prep 1, marker 1	142 µl
E3241	Comb, 0.75 mm thick, prep 2, marker 2	68 µl
E3242	Comb, 0.75 mm thick, prep 4, marker 2	36 µl
E3243	Comb, 0.75 mm thick, 8 sample MC	8 µl
E3244	Comb, 0.75 mm thick, 8 sample	19 µl
E3245	Comb, 0.75 mm thick, 10 sample	14 µl
E3246	Comb, 0.75 mm thick, 12 sample MC	10 µl
E3247	Comb, 0.75 mm thick, 16 sample	7 µl
E3248	Comb, 1 mm thick, prep 1, marker 1	203 µl
E3249	Comb, 1 mm thick, prep 2, marker 2	90 µl
E3250	Comb, 1 mm thick, prep 4, marker 4	48 µl
E3251	Comb, 1 mm thick, 8 sample MC	11 µl
E3252	Comb, 1 mm thick, 8 sample	25 µl
E3253	Comb, 1 mm thick, 10 sample	18 µl
E3254	Comb, 1 mm thick, 12 sample MC	14 µl
E3255	Comb, 1 mm thick, 16 sample	10 µl

MC = compatible with multi-channel pipettes

### Combs

CODE	DESCRIPTION	SAMPLE VOLUME
E3256	Comb, 1.5 mm thick, prep 1, marker 1	303 µl
E3257	Comb, 1.5 mm thick, prep 2, marker 2	135 µl
E3258	Comb, 1.5 mm thick, prep 4, marker 4	72 µl
E3259	Comb, 1.5 mm thick, 8 sample MC	17 µl
E3260	Comb, 1.5 mm thick, 8 sample	37 µl
E3261	Comb, 1.5 mm thick, 10 sample	27 µl
E3262	Comb, 1.5 mm thick, 12 sample MC	20 µl
E3263	Comb, 1.5 mm thick, 16 sample	14 µl
E3264	Comb, 2 mm thick, prep 1, marker 1	405 µl
E3265	Comb, 2 mm thick, prep 2, marker 2	180 µl
E3266	Comb, 2 mm thick, prep 4, marker 4	96 µl
E3267	Comb, 2 mm thick, 8 sample MC	23 µl
E3268	Comb, 2 mm thick, 8 sample	50 µl
E3269	Comb, 2 mm thick, 10 sample	36 µl
E3270	Comb, 2 mm thick, 12 sample MC	27 µl
E3271	Comb, 2 mm thick, 16 sample	20 µl

MC = compatible with multi-channel pipettes

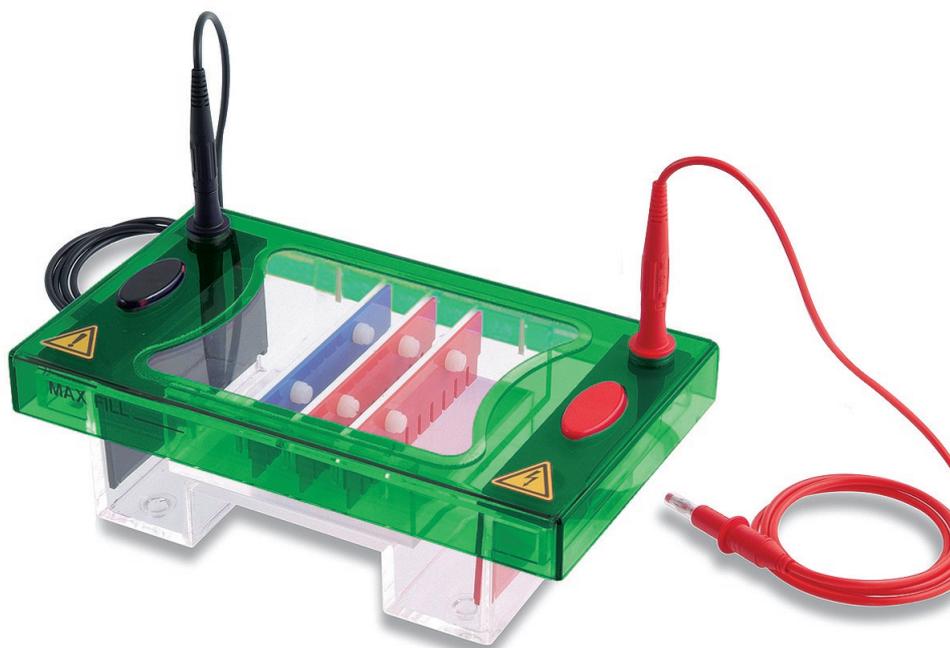


Casting dams allow gels to be rapidly cast externally while the unit is in use for gel running

### Replacement parts & Accessories

CODE	DESCRIPTION
E3220	Gel casting tray, 7x7 cm
E3221	Gel casting tray, 7x10 cm
E3229	Casting dams, pk/2
E3230	Positive electrode cassette (red)
E3231	Negative electrode cassette (black)
E3232	Adhesive loading guides
E3233	Buffer saving blocks, pk/2 (saves 100 ml of buffer)
E3234	Cool-pack and platform
E3235	Gel scoop, 7 cm

- With gel tray options of 10x7 cm and 10x10 cm, the midi horizontal unit has been designed for routine horizontal gel electrophoresis.
- Extending only the width of this unit allows more samples to be resolved per gel than the midi horizontal without a significant increase in buffer or gel volumes.
- A maximum of 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.
- Gel dimensions (WxL):  
10x7 or 10x10 cm
- Buffer volume: 300 ml
- Maximum sample capacity: 100
- Unit dimensions (WxDxH):  
22x12.5x9 cm
- Recommended power supplies:  
EV245, EV231



Ideal for quick checks of samples from PCR and cloning

CODE	DESCRIPTION
E3300	Complete midi horizontal system + 10x7 & 10x10 cm gel casting trays + loading guides + dams + 2 combs, 1 mm thick, 16 samples
E3301	Midi horizontal unit + 10x7 cm gel casting tray + loading guides + dams + 2 combs, 1 mm thick, 16 samples
E3302	Midi horizontal unit + 10x10 cm gel casting tray + loading guides + dams + 2 combs, 1 mm thick, 16 samples

### Combs

CODE	DESCRIPTION	SAMPLE VOLUME
E3340	Comb, 0.75 mm thick, prep 1, marker 1	270 µl
E3341	Comb, 0.75 mm thick, prep 2, marker 2	118 µl
E3342	Comb, 0.75 mm thick, prep 4, marker 2	57 µl
E3343	Comb, 0.75 mm thick, 8 sample	30 µl
E3344	Comb, 0.75 mm thick, 10 sample MC	20 µl
E3345	Comb, 0.75 mm thick, 12 sample	17 µl
E3346	Comb, 0.75 mm thick, 16 sample	12 µl
E3347	Comb, 0.75 mm thick, 20 sample MC	10 µl
E3348	Comb, 0.75 mm thick, 25 sample	7 µl
E3349	Comb, 1 mm thick, prep 1, marker 1	360 µl
E3350	Comb, 1 mm thick, prep 2, marker 2	158 µl
E3351	Comb, 1 mm thick, prep 4, marker 4	77 µl
E3352	Comb, 1 mm thick, 8 sample	41 µl
E3353	Comb, 1 mm thick, 10 sample MC	27 µl
E3354	Comb, 1 mm thick, 12 sample	23 µl
E3355	Comb, 1 mm thick, 16 sample	16 µl
E3356	Comb, 1 mm thick, 20 sample MC	14 µl
E3357	Comb, 1 mm thick, 25 sample	10 µl

MC = compatible with multi-channel pipettes

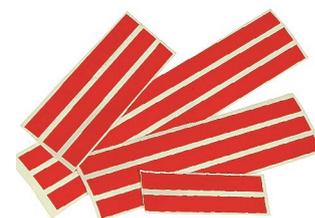
### Combs

CODE	DESCRIPTION	SAMPLE VOLUME
E3358	Comb, 1.5 mm thick, prep 1, marker 1	540 µl
E3359	Comb, 1.5 mm thick, prep 2, marker 2	236 µl
E3360	Comb, 1.5 mm thick, prep 4, marker 4	115 µl
E3361	Comb, 1.5 mm thick, 8 sample	61 µl
E3362	Comb, 1.5 mm thick, 10 sample MC	41 µl
E3363	Comb, 1.5 mm thick, 12 sample	34 µl
E3364	Comb, 1.5 mm thick, 16 sample	24 µl
E3365	Comb, 1.5 mm thick, 20 sample MC	20 µl
E3366	Comb, 1.5 mm thick, 25 sample	15 µl
E3367	Comb, 2 mm thick, prep 1, marker 1	720 µl
E3368	Comb, 2 mm thick, prep 2, marker 2	315 µl
E3369	Comb, 2 mm thick, prep 4, marker 4	153 µl
E3370	Comb, 2 mm thick, 8 sample	81 µl
E3371	Comb, 2 mm thick, 10 sample MC	54 µl
E3372	Comb, 2 mm thick, 12 sample	45 µl
E3373	Comb, 2 mm thick, 16 sample	32 µl
E3374	Comb, 2 mm thick, 20 sample MC	27 µl
E3375	Comb, 2 mm thick, 25 sample	20 µl

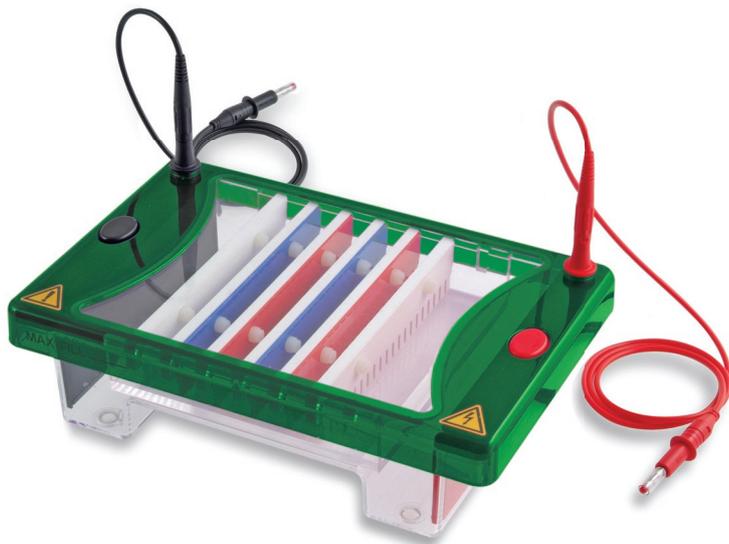
MC = compatible with multi-channel pipettes

### Replacement parts & Accessories

CODE	DESCRIPTION
E3320	Gel casting tray, 10x7 cm
E3321	Gel casting tray, 10x10 cm
E3329	Casting dams, pk/2
E3330	Positive electrode cassette (red)
E3331	Negative electrode cassette (black)
E3332	Adhesive loading guides
E3333	Buffer saving blocks, pk/2 (saves 100 ml of buffer)
E3334	Cool-pack and platform
E3335	Gel scoop, 10 cm



Loading guides allow easy well identification and sample loading



Ideal for restriction fragment analysis, sample prep or checking of high numbers of samples

- The midi-plus horizontal unit offers a wide degree of versatility.
- Three tray options are available, 15x7 cm, 15x10 cm and 15x15 cm, allowing the choice of one, two or all three gel length options at the time of purchase.
- Further purchases of additional accessories are no longer required.
- Maximising comb and tray options allow up to 210 samples to be resolved per gel.
- The 15 cm total run length allows restriction fragment or other close MW sample bands to be easily separated and identified.
- Speed loading is accomplished using 10, 14, 16, 18, 28 and 30 sample multi-channel pipette compatible combs.
- Gel dimensions (WxL): 15x7, 15x10 or 15x15 cm
- Buffer volume: 500 ml
- Maximum sample capacity: 210
- Unit dimensions (WxDxH): 26.5x17.5x9 cm
- Recommended power supplies: EV245, EV231

CODE	DESCRIPTION
E3400	Complete midi-plus horizontal system + 15x7, 15x10 & 15x15 cm gel casting trays + loading guides + dams + 2 combs, 1 mm thick, 20 samples
E3401	Midi-plus horizontal unit + 15x7 cm gel casting tray + loading guides + dams + 2 combs, 1 mm thick, 20 samples
E3402	Midi-plus horizontal unit + 15x10 cm gel casting tray + loading guides + dams + 2 combs, 1 mm thick, 20 samples
E3403	Midi-plus horizontal unit + 15x15 cm gel casting tray + loading guides + dams + 2 combs, 1 mm thick, 20 samples

## Combs

CODE	DESCRIPTION	SAMPLE VOLUME
E3440	Comb, 0.75 mm thick, prep 1, marker 1	371 µl
E3441	Comb, 0.75 mm thick, prep 2, marker 2	169 µl
E3442	Comb, 0.75 mm thick, prep 4, marker 2	91 µl
E3443	Comb, 0.75 mm thick, 10 sample	34 µl
E3444	Comb, 0.75 mm thick, 12 sample	30 µl
E3445	Comb, 0.75 mm thick, 20 sample	16 µl
E3446	Comb, 0.75 mm thick, 35 sample	7 µl
E3447	Comb, 0.75 mm thick, 10 sample MC	22 µl
E3448	Comb, 0.75 mm thick, 14 sample MC	22 µl
E3449	Comb, 0.75 mm thick, 16 sample MC	20 µl
E3450	Comb, 0.75 mm thick, 18 sample MC	8 µl
E3451	Comb, 0.75 mm thick, 28 sample MC	8 µl
E3452	Comb, 0.75 mm thick, 30 sample MC	9 µl
E3453	Comb, 1 mm thick, prep 1, marker 1	495 µl
E3454	Comb, 1 mm thick, prep 2, marker 2	225 µl
E3455	Comb, 1 mm thick, prep 4, marker 4	122 µl
E3456	Comb, 1 mm thick, 10 sample	45 µl
E3457	Comb, 1 mm thick, 12 sample	41 µl
E3458	Comb, 1 mm thick, 20 sample	21 µl
E3459	Comb, 1 mm thick, 35 sample	10 µl
E3460	Comb, 1 mm thick, 10 sample MC	29 µl
E3461	Comb, 1 mm thick, 14 sample MC	29 µl
E3462	Comb, 1 mm thick, 16 sample MC	27 µl
E3463	Comb, 1 mm thick, 18 sample MC	11 µl
E3464	Comb, 1 mm thick, 28 sample MC	11 µl
E3465	Comb, 1 mm thick, 30 sample MC	13 µl

MC = compatible with multi-channel pipettes

## Combs

CODE	DESCRIPTION	SAMPLE VOLUME
E3466	Comb, 1.5 mm thick, prep 1, marker 1	743 µl
E3467	Comb, 1.5 mm thick, prep 2, marker 2	338 µl
E3468	Comb, 1.5 mm thick, prep 4, marker 4	182 µl
E3469	Comb, 1.5 mm thick, 10 sample	68 µl
E3470	Comb, 1.5 mm thick, 12 sample	61 µl
E3471	Comb, 1.5 mm thick, 20 sample	32 µl
E3472	Comb, 1.5 mm thick, 35 sample	15 µl
E3473	Comb, 1.5 mm thick, 10 sample MC	44 µl
E3474	Comb, 1.5 mm thick, 14 sample MC	44 µl
E3475	Comb, 1.5 mm thick, 16 sample MC	41 µl
E3476	Comb, 1.5 mm thick, 18 sample MC	17 µl
E3477	Comb, 1.5 mm thick, 28 sample MC	17 µl
E3478	Comb, 1.5 mm thick, 30 sample MC	19 µl
E3479	Comb, 2 mm thick, prep 1, marker 1	990 µl
E3480	Comb, 2 mm thick, prep 2, marker 2	450 µl
E3481	Comb, 2 mm thick, prep 4, marker 4	243 µl
E3482	Comb, 2 mm thick, 10 sample	90 µl
E3483	Comb, 2 mm thick, 12 sample	81 µl
E3484	Comb, 2 mm thick, 20 sample	43 µl
E3485	Comb, 2 mm thick, 35 sample	20 µl
E3486	Comb, 2 mm thick, 10 sample MC	59 µl
E3487	Comb, 2 mm thick, 14 sample MC	59 µl
E3488	Comb, 2 mm thick, 16 sample MC	54 µl
E3489	Comb, 2 mm thick, 18 sample MC	23 µl
E3490	Comb, 2 mm thick, 28 sample MC	23 µl
E3491	Comb, 2 mm thick, 30 sample MC	25 µl

MC = compatible with multi-channel pipettes

## Replacement parts & Accessories

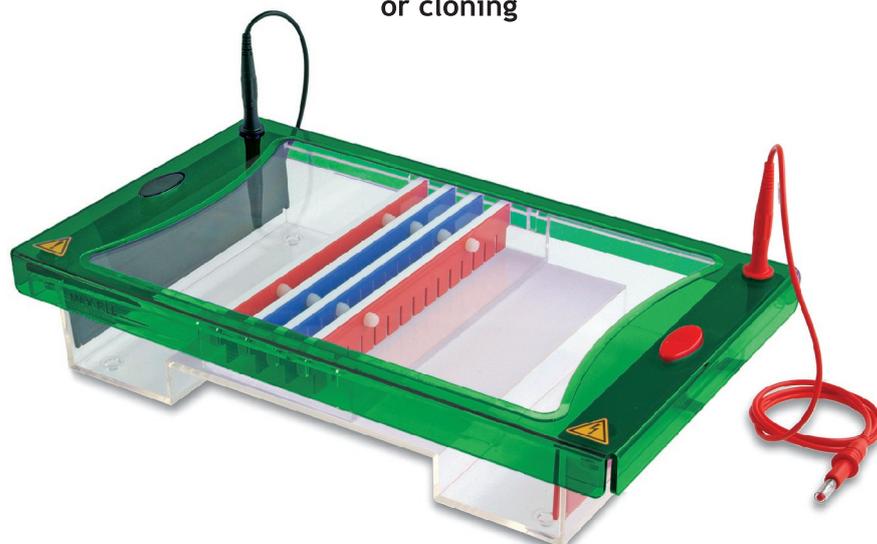
CODE	DESCRIPTION
E3420	Gel casting tray, 15x7 cm
E3421	Gel casting tray, 15x10 cm
E3422	Gel casting tray, 15x15 cm
E3429	Casting dams, pk/2
E3430	Positive electrode cassette (red)

## Replacement parts & Accessories

CODE	DESCRIPTION
E3431	Negative electrode cassette (black)
E3432	Adhesive loading guides
E3433	Buffer saving blocks, pk/2 (saves 190 ml of buffer)
E3434	Cool-pack and platform
E3435	Gel scoop, 15 cm

- The maxi horizontal unit is primarily designed for resolution of high numbers of samples such as from cloning or PCR. It allows ultra high-resolution separations over extended runs.
- Tray sizes correspond to standard blotter sizes. It also allows easy sample transfer onto a membrane for further analysis.
- Three tray sizes are available, 20x20 cm, 20x25 cm and a half-length 20x10 cm. Multichannel pipette compatible combs up to 40 sample facilitate speed loading of up to 440 samples per gel while 50 sample combs allow maximum sample capacity of 550 samples per gel.
- Gel dimensions (WxL): 20x10, 20x20 or 20x25 cm
- Buffer volume: 1200 ml
- Maximum sample capacity: 550
- Unit dimensions (WxDxH): 39.5x23x9 cm
- Recommended power supplies: EV231, EV265

Primarily designed for separating high numbers of samples from PCR or cloning



CODE	DESCRIPTION
E3500	Complete maxi horizontal system + 20x10 & 20x20 cm gel casting trays + loading guides + dams + 2 combs, 1 mm thick, 20 samples
E3501	Maxi horizontal unit + 20x10 cm gel casting tray + loading guides + dams + 2 combs, 1 mm thick, 20 samples
E3502	Maxi horizontal unit + 20x20 cm gel casting tray + loading guides + dams + 2 combs, 1 mm thick, 20 samples
E3503	Maxi Horizontal unit + 20x25 cm gel casting tray + loading guides + dams + 2 combs, 1 mm thick, 20 samples

## Combs

CODE	DESCRIPTION	SAMPLE VOLUME
E3540	Comb, 0.75 mm thick, prep 1, marker 1	506 µl
E3541	Comb, 0.75 mm thick, prep 2, marker 2	236 µl
E3542	Comb, 0.75 mm thick, prep 4, marker 2	115 µl
E3543	Comb, 0.75 mm thick, 10 sample	54 µl
E3544	Comb, 0.75 mm thick, 16 sample	30 µl
E3545	Comb, 0.75 mm thick, 20 sample MC	20 µl
E3546	Comb, 0.75 mm thick, 25 sample	16 µl
E3547	Comb, 0.75 mm thick, 30 sample	13 µl
E3548	Comb, 0.75 mm thick, 36 sample	11 µl
E3549	Comb, 0.75 mm thick, 40 sample	8 µl
E3550	Comb, 0.75 mm thick, 50 sample	8 µl
E3551	Comb, 1 mm thick, prep 1, marker 1	675 µl
E3552	Comb, 1 mm thick, prep 2, marker 2	315 µl
E3553	Comb, 1 mm thick, prep 4, marker 2	153 µl
E3554	Comb, 1 mm thick, 10 sample	72 µl
E3555	Comb, 1 mm thick, 16 sample	41 µl
E3556	Comb, 1 mm thick, 20 sample MC	27 µl
E3557	Comb, 1 mm thick, 25 sample	21 µl
E3558	Comb, 1 mm thick, 30 sample	17 µl
E3559	Comb, 1 mm thick, 36 sample	14 µl
E3560	Comb, 1 mm thick, 40 sample MC	11 µl
E3561	Comb, 1 mm thick, 50 sample	10 µl

MC = compatible with multi-channel pipettes

## Combs

CODE	DESCRIPTION	SAMPLE VOLUME
E3562	Comb, 1.5 mm thick, prep 1, marker 1	1013 µl
E3563	Comb, 1.5 mm thick, prep 2, marker 2	473 µl
E3564	Comb, 1.5 mm thick, prep 4, marker 2	230 µl
E3565	Comb, 1.5 mm thick, 10 sample	108 µl
E3566	Comb, 1.5 mm thick, 16 sample	61 µl
E3567	Comb, 1.5 mm thick, 20 sample MC	41 µl
E3568	Comb, 1.5 mm thick, 25 sample	32 µl
E3569	Comb, 1.5 mm thick, 30 sample	26 µl
E3570	Comb, 1.5 mm thick, 36 sample	22 µl
E3571	Comb, 1.5 mm thick, 40 sample	17 µl
E3572	Comb, 1.5 mm thick, 50 sample	16 µl
E3573	Comb, 2 mm thick, prep 1, marker 1	1350 µl
E3574	Comb, 2 mm thick, prep 2, marker 2	630 µl
E3575	Comb, 2 mm thick, prep 4, marker 2	306 µl
E3576	Comb, 2 mm thick, 10 sample	144 µl
E3577	Comb, 2 mm thick, 16 sample	81 µl
E3578	Comb, 2 mm thick, 20 sample MC	54 µl
E3579	Comb, 2 mm thick, 25 sample	42 µl
E3580	Comb, 2 mm thick, 30 sample	34 µl
E3581	Comb, 2 mm thick, 36 sample	29 µl
E3582	Comb, 2 mm thick, 40 sample MC	23 µl
E3583	Comb, 2 mm thick, 50 sample	21 µl

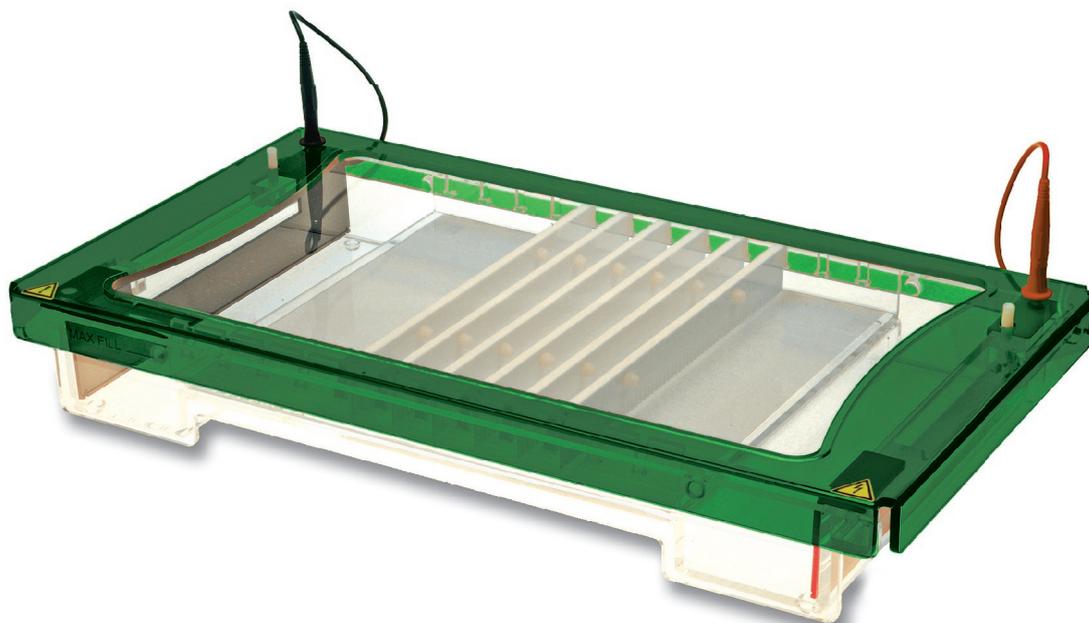
MC = compatible with multi-channel pipettes

## Replacement parts & Accessories

CODE	DESCRIPTION
E3520	Gel casting tray, 20x10 cm
E3521	Gel casting tray, 20x20 cm
E3522	Gel casting tray, 20x25 cm
E3529	Casting dams, pk/2
E3530	Positive electrode cassette (red)

## Replacement parts & Accessories

CODE	DESCRIPTION
E3531	Negative electrode cassette (black)
E3532	Adhesive loading guides
E3533	Buffer saving blocks, pk/2 (saves 450 ml of buffer)
E3534	Cool-pack and platform
E3535	Gel scoop, 20 cm



- Designed for rapid screening of very large numbers of clonal or PCR samples, the maxi-plus horizontal unit has a 672 maximum sample capacity per gel. This allows loading and analysis of exactly seven 96 well format micro titre plates.
- The large gel run length of 32 cm also allows resolution of samples over a long distance for separation of complex sample bands such as in restriction fragment analysis.
- The unit is available with a full length tray, with other tray length options of 16 or 24 cm or with all three gel tray lengths so that the user's exact requirements can be matched.
- Buffer recirculation ports are included as standard to allow enhanced resolution over extended runs.
- Gel dimensions (WxL): 26x16, 26x24, 26x32 cm
- Buffer volume: 1400 ml
- Maximum sample capacity: 672
- Unit dimensions (WxDxH): 50x28x9 cm
- Recommended power supplies: EV265, EV215

**Ideal for checking very large numbers of samples or extended high resolution separations**

CODE	DESCRIPTION
E3600	Complete maxi-plus horizontal system + 26x16, 26x24 & 26x32 cm gel casting trays + loading guides + 6 combs, 1 mm thick, 28 samples
E3601	Maxi-plus horizontal unit + 26x16 cm gel casting tray + loading guides + dams + 6 combs, 1 mm thick, 28 samples
E3602	Maxi-plus horizontal unit + 26x24 cm gel casting tray + loading guides + dams + 6 combs, 1 mm thick, 28 samples
E3603	Maxi-plus horizontal unit + 26x32 cm gel casting tray + loading guides + dams + 6 combs, 1 mm thick, 28 samples

## Combs

CODE	DESCRIPTION	
E3640	Comb, 0.75 mm thick, 28 sample MC	25 µl
E3641	Comb, 0.75 mm thick, 56 sample MC	10 µl
E3642	Comb, 1 mm thick, 28 sample MC	34 µl
E3643	Comb, 1 mm thick, 56 sample MC	14 µl
E3644	Comb, 1.5 mm thick, 28 sample MC	51 µl
E3645	Comb, 1.5 mm thick, 56 sample MC	20 µl
E3646	Comb, 2 mm thick, 28 sample MC	68 µl
E3647	Comb, 2 mm thick, 56 sample MC	27 µl

MC = compatible with multi-channel pipettes

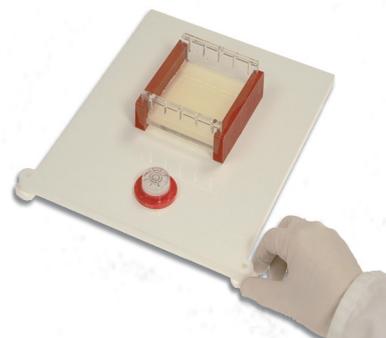
## Replacement parts & Accessories

CODE	DESCRIPTION
E3620	Gel casting tray, 26x16 cm
E3621	Gel casting tray, 26x24 cm
E3622	Gel casting tray, 26x32 cm
E3629	Gel tray sealing tape, 65 m x 25.4 mm
E3630	Positive electrode cassette (red)
E3631	Negative electrode cassette (black)
E3632	Adhesive loading guides
E3633	Buffer saving blocks, pk/2 (saves 625 ml of buffer)
E3634	Cool-pack and platform
E3635	Gel scoop, 26 cm

## E1020

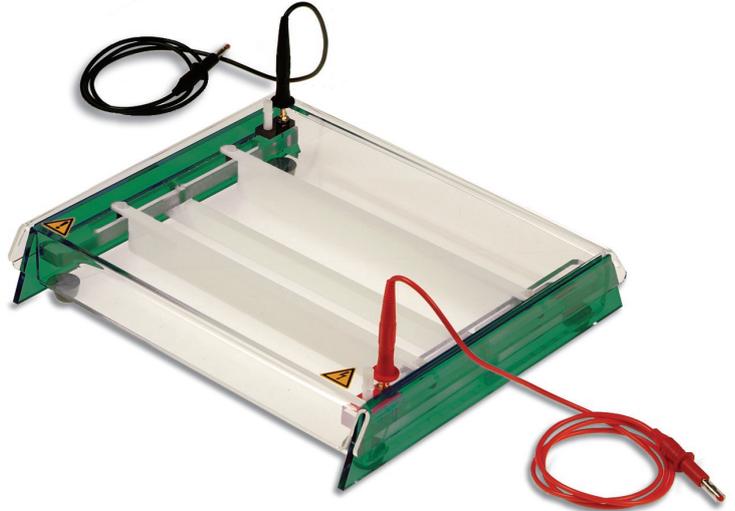
## Gel levelling table

- The gel levelling table provides a useful way of pouring gels of uniform thickness.
- The table features a large 32x26 cm platform with large thumbwheel levelling feet at each corner.
- A levelling bubble is supplied.



CODE	DESCRIPTION
E1020	Gel Levelling Table

- This cellulose acetate system is the ideal tank for both standard and wet cellulose acetate electrophoresis. This unit is designed for both routine and research requirements and is built to our high quality standard.
- The unit includes an adjustable support which enables easy and fast adjustment for different lengths of cellulose acetate strip.
- Strip dimensions up to 24x20 cm.
- A new complete range of wet cellulose acetate gels is available. These have the advantage that they can be used for a wide variety of clinical electrophoresis applications including haemoglobin, serum proteins for monoclonal gammopathies, urine proteins, isoenzymes, lipo and glycoproteins. CellasGEL cellulose acetate gels are available in a variety of sizes and applications: 2.5x14 cm, 2.5x17 cm, 5.7x14 cm, 5.7x17 cm, 5x24 cm, 17x17 cm, 6x7.6 cm (Helena), 5.7x 0.2 (arched).
- Kits are available for multiple tests on serum proteins, haemoglobin, urine proteins and for immunofixation.
- Bridges are available in a variety of formats for cellulose acetate sheets.
- A universal densitometer scanner and software able to read 144 tests per minute is offered.
- Recommended power supply: EV245



**Clinical electrophoresis tests: Haemoglobin, Serum Proteins for Monoclonal Gammopathies, Urine Proteins, Isoenzymes, Lipo and Glycoproteins and for Immunofixation**

CODE	DESCRIPTION
E3700	Horizontal unit for cellulose acetate electrophoresis (without accessories!)
E3701	Scan software (computer and flatbed scanner not included!)
E3702	Flatbed scanner

**Accessories**

CODE	DESCRIPTION
E3720	CellasGEL, 2.5x14, 250 micron
E3721	CellasGEL, 2.5x14, 200 micron
E3722	CellasGEL, 2.5x17, 200 micron
E3723	CellasGEL, 5.7x14, 250 micron
E3724	CellasGEL, 5.7x14, 200 micron
E3725	CellasGEL, 5.7x14, 250 micron, Pratiga perforate
E3726	CellasGEL, 5.7x14, 200 micron, Pratiga perforate
E3727	CellasGEL, 5x24, RS 190 micron, Rectangular H.R.
E3728	CellasGEL, 17x17, 200 micron
E3729	CellasGEL/Myl, 6x7.6 (Helena size)
E3730	CellasGEL/Myl, 5.7x10.2, for arched position electrophoresis
E3737	CellasKIT IFE Serum + Concentrated urine (5+5 tests for 5 patients) on CellasGEL
E3738	CellasKIT Immunifixaion (24 semimicro or 32 micro tests) on CellasGEL
E3739	CellasKIT serum proteins (100 semimicro or 200 micro tests) on CellasGEL
E3740	CellasKIT high resolution of serum proteins (150 semimicro or 200 micro tests) on CellasGEL
E3741	CellasKIT hemoglobins (100 semimicro tests) on CellasGEL
E3742	CellasKIT IFE 1 patient (10 semimicro tests) 10.2x12 cm for CellasClear
E3743	CellasKIT serum proteins (480 micro tests) on CellasClear
E3744	Bridge 8.5 cm for CellasGEL sheets 18.3x14 cm
E3745	Bridge 11 cm for CellasGEL sheets 17x17 cm
E3746	Bridge 8.5 cm (standard size for CellasGEL kits) for CellasGEL strips 5.7x14 or 2.5x14 cm
E3747	Bridge 14 cm for CellasGEL RS Wedge 5x18.5 cm
E3748	Bridge 11 cm for CellasGEL strips 5.7x17 cm
E3749	Bridge for in arched position electrophoresis
E3750	Bridge for horizontal position electrophoresis Helena type

**A variety of rapid sample applicators is available for a selection of applications:**

- Two specimen applicator for semi micro samples on strips 2.5 cm wide.
- Two specimen applicator for semi micro samples on strips 2.5 cm wide.
- Four specimen applicator for semi micro samples on strips 5.7 cm wide.
- TwoFour specimen applicator for Haemoglobin samples on strips 5.7 cm wide.
- Six specimen applicator for samples on strips 5.7 cm wide.

CODE	DESCRIPTION
E3731	Applicator semimicro 2+2 for CellasGEL 2.5x14 cm + CellasKIT IFE Serum + Concentrated urine (5+5 tests for 5 patients) on CellasGEL
E3732	Applicator semimicro 4 for 1.2 µl/9 mm - First type
E3733	Applicator micro 8 for CellasGEL
E3734	Applicator micro 8 for CellasGEL/Myl
E3735	Applicator semimicro 18 for CellasGEL sheets 18.3x14 & x17 cm
E3736	Applicator semimicro 18 for CellasGEL/Myl sheets 19.85x7.6 cm