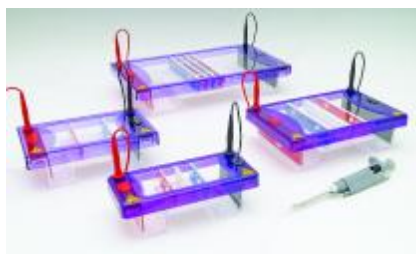




K R E A T I V E E L E K T R O P H O R E S E - T E C H N I K

Horizontal Electrophoresis Tank ECO Series



Comprising FOUR units, the range offers an unsurpassed combination of economy of gel and buffer volume, with versatility and safety. Economy of gel and buffer volume, with gel size and sample number versatility. Gel size and sample number requirements can be exactly matched in each unit. Gel trays are free of indentations or casting gate channels which can interfere with sample progression. Loading guides provide easy well identification and sample loading. Lid connectors and adapters are compatible with all major power supplies.

The horizontal gel units ECO offers the most versatile solution for DNA and RNA agarose gel electrophoresis currently available to the researcher.

Extensive range of accessories

■ Removable UV transparent gel trays eliminate the need for multiple gel tanks for changes in gel size or application. There are at least two and up to three gel tray sizes per unit. (Units can be purchased with

one, two or all tray options).

■ The “plug and go” gel casting dams allow gels to be rapidly cast externally whilst the MultiSub unit is in use for gel running. The Flexicaster accessory can be purchased for all tank options. The Flexicaster accessory allows casting of any gel length up to 20cm.

■ The wide range of durable interchangeable combs, in four thicknesses (0.75mm for ultra resolved bands, 1mm supplied as standard with the units, 1.5mm and 2mm for maximization of sample volume)

include options for Sample Prep – at least three different options per unit and Multi-channel pipette compatible – at least two choices per unit. The MultiSub high sample number combs are designed to maximize sample number for high throughput laboratories.



PHERO-sub 0710-E

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

■ The small gel size maximises run economy but does not compromise versatility as two tray options are available 7 x 7cm and 7 x 10cm, 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 1ml of sample or separating sample bands over a distance of 9cm.

Code	Product
111100-001	PHERO-sub 0710-E, 7 x 7cm UV Tray, 2 x 8 sample, 1mm thick combs, casting dams, loading guides
111100-002	PHERO-sub 0710-E, 7 x 10cm UV Tray, 2 x 8 sample, 1mm thick combs, casting dams, loading guides
111100-003	PHERO-sub 0710-E, 7 x 7cm & 7 x 10cm UV Tray & 2 x 8 sample, 1mm thick combs, casting dams, loading guides



PHERO-sub 1010-E

■ With Gel tray options of 10 x 7cm and 10 x 10cm this 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 PHERO-sub 0710-E without a significant increase in buffer or gel volumes.

■ A maximum of 72 samples per gel can be resolved making this unit ideal for those routinely checking high sample numbers over short to medium gel run lengths.

Code	Product
111300-001	PHERO-sub 1010-E, 10 x 7cm UV Tray, 2 x 16 sample, 1mm thick combs, casting dams, loading guides
111300-002	PHERO-sub 1010-E, 10 x 10cm UV Tray, 2 x 16 sample, 1mm thick combs, casting dams, loading guides
111300-003	PHERO-sub 1010-E, 10 x 7cm & 10 x 10cm UV Tray, 2 x 16 sample, 1mm thick combs, casting dams, loading guides



PHERO-sub 1515-E

This is the most versatile horizontal gel electrophoresis unit currently available.

Four tray options are on offer - 15 x 7cm, 15 x 10cm, 15 x 15cm, and 15 x 19cm - allowing the researcher to choose one, two or all four gel length options at the time of purchase. Further purchases of additional accessories are no longer required. Maximizing comb and tray options allow up to 192 samples to be resolved per gel. The 18cm total run length allows restriction fragment or other close MW sample bands to be easily separated and identified. Speed loading is accomplished using 15 or 30 sample Multi-channel pipette compatible combs.

Code	Product
111400-001	PHERO-sub 1515-E, 15 x 7cm UV Tray, 2 x 20 sample, 1mm thick combs, casting dams, loading guides
111400-002	PHERO-sub 1515-E, 15 x 10cm UV Tray, 2 x 20 sample, 1mm thick combs, casting dams, loading guides
111400-003	PHERO-sub 1515-E, 15 x 15cm UV Tray, 2 x 20 sample, 1mm thick combs, casting dams, loading guides
111400-004	PHERO-sub 1515-E Trio, 15 x 7,10 & 15cm UV Tray, 2 X 20 sample, 1mm thick combs, casting dams, loading guides



PHERO-sub 2020-E

Primarily designed for resolution of high numbers of samples such as from Cloning or PCR. Allows ultra high-resolution separations over extended runs. Tray sizes correspond to standard blotter sizes allowing easy sample transfer onto a membrane for further analysis.

Two tray sizes are on offer – 20 x 20cm and a half-length 20 x 10cm and multi-channel pipette compatible combs up to 40 sample allow rapid loading of up to 360 samples per gel.

Code	Product
111500-001	PHERO-sub 2020-E, 20 x 10cm UV Tray, 2 x 20 sample, 1mm thick combs, casting dams, loading guides
111500-002	PHERO-sub 2020-E, 20 x 20cm UV Tray, 2 x 20 sample, 1mm thick combs, casting dams, loading guides
111500-003	PHERO-sub 2020-E, 20 x 10 & 20 x 20cm UV Tray, 2 x 20 sample, 1mm thick combs, casting dams, loading guides



PHERO-sub 2632-E

Designed for quick checks of large numbers of samples from PCR reactions. Three tray options are available 26 x 16cm, 26 x 24cm and 26 x 32cm. 58 sample combs allow a maximum number of samples per gel of 672, equivalent to nine micro titre plates. Buffer recirculation ports allow enhanced resolution in extended runs over a maximum run length of 32cm.

Code	Product
111600-001	PHERO-sub 2632-E, 26 x 16 cm UV Tray, 6 x 28 sample combs, loading guides
111600-002	PHERO-sub 2632-E, 26 x 24cm UV Tray, 6 x 28 sample combs, loading guides
111600-003	PHERO-sub 2632-E, 26 x 32 cm UV Tray, 6 x 28 sample combs, loading guides
111600-004	PHERO-sub 2632-E, 26x16cm, 26x24cm, 26x32cm UV Trays, 6 x 28 sample combs, loading guides



PHERO-sub 1008-E

Self contained Mini Horizontal unit. The PHERO-sub 1008-E Horizontal Gel Unit offers a convenient self contained solution for routine agarose gel electrophoresis. Gel casting, running and analysis are all performed in the same ultra compact unit allowing the maximum in convenience.

Code	Product
111200-001	PHERO-sub 1008-E, 10 x 8 cm, 2 x 8 sample combs