



FAST, FLEXIBLE AND CONVENIENT ELECTROPHORESIS

Saving time and minimising effort in the laboratory, yet producing products which contribute toward high quality results, are the main objectives behind the development of the CLEAVER SCIENTIFIC (CSL) range of electrophoresis products.

The range now includes the compact CSL multiSUB Midi 96 system which can be used in conjunction with samples from 96 well plates to allow direct loading and easy identification of samples. With an average run-time of just 15 to 30 minutes, the Midi 96 system enables rapid identification of samples, with direct and rapid sample loading facilitated using 8 channel pipettes.

Flexibility and choice are among the key features of the CSL range of gel electrophoresis tanks which comprises horizontal and vertical gel electrophoresis tanks, blotting systems, comet assay, cellulose acetate, 2-D systems, power supplies, DNA sequencers and gel documentation systems. These are suitable for a variety of DNA, RNA and protein gel electrophoresis applications and analysis.

Constructed using the latest injection moulding technology and made from durable, resistant materials, the tanks offer innovative and easy-to-use leak-proof gel casting to save time in the laboratory. Among the innovations and choices offered are more options for gel size, sample number and volume, along with five thicknesses of comb. Also, there are more preparative, high sample number and multi-channel pipette compatible comb options and combs which are height adjustable and warp proof.

There are also options for the type of comb with convenient double-sided, two combs in one and combination combs which include a loading guide on the reverse aiding sample loading. Gel sizes offered range from 7cm x 7cm up to 33cm x 45cm. Cleaver Scientific also offer many other options to enhance the visibility of the wells during gel loading, such as using an inert dye which is used to stain the stacking layer of protein gels.

Most tanks in the range have the option of rapid set-up cooling with no chiller required. These save time and expense in the laboratory and allow high resolution results to be achieved with the minimum of time and effort. For the economy conscious, most gel tanks have the option of buffer saving and casting of multiple gels at the same time, which also provides increased consistency.

Cleaver Scientific also offer products which provide important benefits for post electrophoresis applications, such as their popular gel cutting tips which are an extremely useful tool for gene cloning.

Finally, to complete their range of tanks and systems, Cleaver offer a range of power supplies with increased current capacities. These enable high intensity blotting and the connection of multiple gel tanks to one power supply, without compromising run conditions whilst also saving on bench space and cost. ENDS.

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