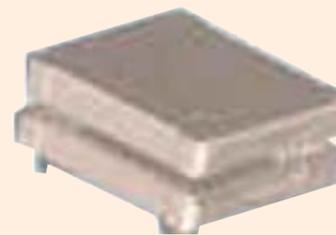


## YRIDIMES SEMI-DRY BLOTTER

The Yrdimes is a well designed, semi-dry transfer unit that transfers all sized proteins or nucleic acids to membranes efficiently, consistently and reproducibly from polyacrylamide or agarose gels. The system is capable of transferring four side by side mini-gels or gels up to 18 x 20cm in size and has the capacity of transferring up to three stacked polyacrylamide gels. It is made of high quality platinum coated titanium (anode) and stainless steel plates (cathode). The spring loaded electrode plates offer suitable and homogenous pressure over the entire surface of the blot, with a single step locking system. The user friendly design features save time, space and manipulation, allowing the electro-transfer of polyacrylamide gels with minimal buffer requirements.



## GEL ELECTROPHORESIS SYSTEM (GES)

The GES family of horizontal gel systems offer many advantages for nucleic acid separations. The versatile design of the GES system is ideal for high resolution of all sizes of DNA and RNA separation. The system is available in a variety of useful UV transparent tray sizes and combs for exact configuration to specific applications. The whole cell of the GES system is UV transparent, allowing the capture of images directly from the tray when placed on a UV transilluminator. When casting, the dam claws offer easy casting without the fuss of using tape etc. Additionally the high performance electrophoresis buffer reservoir, features a convenient way to perform nucleic acid electrophoresis, with a safety transparent lid for the prevention of electronic shock. The GES system includes: a buffer reservoir, two L-format assemblies (red and black), safety lid, two electrical cables (red and black), a UV transparent tray, two fixed height combs and a levelling bubble. The GES system is available in the following sizes: 7 x 15cm, 10 x 15cm and 15 x 15cm. The Mini GES system is available for 6 x 7cm and 7 x 10cm sized gels.



## ELITE POWER SUPPLIES

The Wealtec Elite family of power supplies are designed to serve a variety of applications. All models offer a digital control system, which allows control of results easily and precisely. The easy to program systems are light weight and have various sets of output terminals. They also feature a "beep" sound for protection against any errors that may occur during or after operation. Should a unit short circuit, it will automatically stop running. Additionally, all power supplies have a one year warranty.

### MINI ELITE

The Mini ELITE is an easy to operate, stackable power supply with a selectable Volt output range from 50 - 120 Volts that utilises a single set of output terminals.



### ELITE 200

The ELITE 200 power supply is ideal for applications such as blotting, protein electrophoresis and DNA / RNA electrophoresis. It has an output range of 5 - 200V in 1V steps and 0.01 - 2A in 0.01A steps with a maximum of 200 Watts. The system utilises constant voltage or current with automatic crossover. Typical features include timer control (0 - 999 minutes); a 3 digit, 7 seg LED display; input protection fuse; status alarm and touch panel controls. Safety features include no load detection, sudden load change, over voltage protection and automatic recovery after a power failure.



### ELITE 300/300PLUS

The ELITE 300 power supply is ideal for protein, DNA / RNA electrophoresis applications and RNA / DNA sequencing. It has an output range of 10 - 300V in 1V steps and 4 - 400mA in 1mA steps with a maximum of 75 Watts. The system utilises constant voltage or current with automatic crossover. Typical features include timer control (0 - 999 minutes); a 3 digit, 7 seg LED display; input protection fuse; status alarm and touch panel controls. Safety features include no load detection, sudden load change, over voltage protection and automatic recovery after a power failure.

## BLOCK HEATERS

The Wealtec range of interchangeable block heaters offer three types of interchangeable aluminium blocks specific to either test tubes, micro-tubes or PCR reaction tubes. The block heaters offer a broad temperature control range from 30 - 200°C with a stability, uniformity and accuracy of +/- 0.1°C. Heat up speed is from ambient to 100°C in approximately 15 minutes. The system is ideal for applications such as restriction digestion, nucleic acid and protein denaturing, hot start PCR, enzyme kinetics, immunoassay reactions, BUN, coagulation studies and agar melting. The block heaters are available with either single or dual interchangeable blocks. Safety features include a temperature cut-off at 212°C. Additional optional blocks and extractors are also available.

Wealtec Corporation is an international provider of life science research products for molecular biology. Wealtec have over the past several years dedicated themselves into producing innovative, quality products that are ISO 9001 and CE certified to meet the European standard EN61010.

*Their products include:*

## E-CENTRIFUGE

The E-centrifuge personal benchtop Microcentrifuge comes standard with two angle rotors applicable for 1.5/2.0ml, 0.4/0.5ml eppendorf tubes and 8-strip PCR tubes. Operating the E-centrifuge could not be easier. Just close the lid, push start and it runs. The system is very stable during operation and includes the added safety feature of automatically switching off when the lid is opened. The system functions at a maximum speed of 6,400 rpm with a maximum RCF of approximately 2,046 xg.

