

Electrophoresis, Blotting and Immunodetection

Electrophoresis equipment - Horizontal, agarose systems

E-Gel® iBase™ power system



50



The E-Gel® iBase™ power system gives you the convenience of the original E-Gel® Power Base with even more power and control. You'll get:

- Faster run time
- Programmable control
- Compatibility with all low throughput E-Gels

Self-contained power system

The E-Gel® iBase™ power system is compatible with all low throughput E-Gels. This self-contained device includes a built-in power supply. Simply connect the AC adaptor provided and plug into an electrical outlet. View program selection and running time on the easy-to-read LCD display. Preset programs are available for various gel types or you can manually set your own run times. A reverse program allows you to change the field direction, ensuring complete capture of DNA when using the E-Gel® CloneWell™ gels. The "Speed E-Gel®" pre-set program allows separation of DNA in 7 minutes over a 2.5cm run length, and can be used with 0.8%, 1.2% or 2% E-Gels. In addition the E-Gel® iBase™ power system includes an automatic shutoff feature, so you won't overrun your gel. When running E-Gels containing the SYBR® Safe, you can safely watch the DNA bands migrate through the gel by using the E-Gel® Safe Imager™ real time transilluminator together with the E-Gel® iBase™ power system. The use of SYBR® Safe DNA gel stain and a Safe Imager™ transilluminator ensures maximum possible safety to the user and gives improved cloning efficiency over ethidium bromide and UV.

Please contact Fisher Scientific to discuss your EU compatible product requirements.

Catalogue No	Description
VXG6400UK	Power supply 240V 50/60Hz compatible with all low throughput E-Gels
VXG6300	E-Gel® iBase™ USB mini cable

E-Gel® opener



50



A simple device for opening E-Gel® cassettes.

The E-Gel® opener is a simple device made of anodised aluminum specifically designed to quickly and efficiently open an E-Gel® cassette. This allows you to purify DNA fragments from the gel, transfer samples onto a membrane for Southern blot analysis, or post-stain clear E-Gels. Simply place the E-Gel® cassette into the E-Gel® opener and turn the knob to tighten. The E-Gel® opener uses two steel blades to quickly pop open the E-Gel® cassette without harming the gel.

The E-Gel® opener weighs just 0.8kg and has a small footprint (180mm (l) x 130mm (w) x 35mm (h)). Supplied with instruction manual.

Catalogue No	Quantity
VXG530001	1
VXG535010	10 blades

E-Gel® pre-cast agarose electrophoresis system



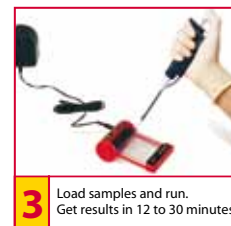
50



1 Remove E-Gel® cassette from pouch.



2 Snap into E-Gel® Base.



3 Load samples and run. Get results in 12 to 30 minutes

Using E-Gels® is as easy as 1-2-3.

For fast, bufferless, agarose electrophoresis of nucleic acids.

E-Gels® are self-contained, bufferless, pre-cast agarose gels designed to provide fast, convenient, and easy electrophoresis. Each E-Gel® is a complete electrophoresis system and contains agarose, electrodes, and ethidium bromide (or SYBR Safe™) all packaged inside a dry, disposable, UV-transparent cassette. E-Gels® run in a specially designed, inexpensive E-Gel® PowerBase™ that plugs directly into the wall.

Applications:

E-Gels® are ideal for analysing:

- PCR products
- Restriction digests
- Plasmid preparations

What are the advantages of E-Gels® over "pour-your-own" agarose gels?

- No need to weigh agarose, prepare buffer or wait for the gel to set
- Never have to touch ethidium bromide
- Consistent and reproducible results
- Results in as little as 12 minutes
- Simple to use

Formats:

E-Gel® 48 and E-Gel® 96: for medium and high-throughput

E-Gel® 48: 2 rows of each 24 sample and 2 MW marker wells. Loading with a multichannel pipettor or robotic liquid handling system

E-Gel® 96: 96 sample lanes and 8 marker lanes. Compatible with 8, 12, or 96 tip robotic loading systems + tracking barcode

The E-Gel® 48 and E-Gel® 96 run on the Mother E-Base™. For even larger throughput, one or more Daughter E-Base™ can be connected to the Mother E-Base™.

NB: The Mother and Daughter E-Base™ units can also be used for high-throughput protein electrophoresis using the E-PAGE™ 48 and E-PAGE™ protein gels.

* Starter Packs include an E-Gel® Base and 9 E-Gel® cassettes

*Polymerase Chain Reaction (PCR) is a process covered by patents owned by Hoffman-La Roche

entry continued