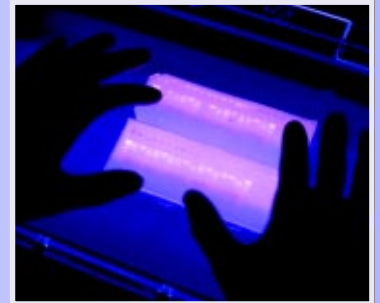


LABNET INTERNATIONAL, INC.

GEL XL ULTRA V2™ MINI-GEL SYSTEM

Labnet
Labnet International, Inc.



- COMPLETE AND COMPACT
- INTELLIGENT, DIRECT CONNECT POWER SUPPLY
- MULTICHANNEL COMPATIBLE COMBS
- SAFETY LID WITH POWER INTERLOCK
- UV TRANSPARENT GEL TANK AND GEL TRAYS



INCLUDED GEL CASTING SET

Gel XL Ultra™ V2 Electrophoresis System

Easy to set up and safe to use, the *Gel XL Ultra V2* is a complete mini-gel system that includes all components necessary for casting and running agarose gels. The unit is compact, requiring a minimal amount of benchspace. A unique, direct-connect power supply eliminates a tangled mess of leads and cords on the bench and saves space. Designed for safety and convenience, the power supply can detect when the gel box cover is absent or removed, and cuts power to the system.

Complete System

Everything needed to get you up and running is included with the *Gel XL Ultra V2*. The system includes the UV transparent gel tank and UV blocking safety lid, for viewing gels while running, and a direct connect intelligent power supply. The self sealing casting stand holds one large (13 x 12cm) or two small (13 x 6cm) gel trays which are included along with 4 dual format combs.

Intelligent Power Supply

The *Gel XL Ultra's* unique power supply connects directly to the side of the gel tank. This not only eliminates a mess of tangled power leads, it also ensures that the power supply is connected properly every time. The power supply is easily removed for thorough cleaning of the gel tank. Seven output voltages allow for optimizing separation conditions. Operation is controlled by a digital timer. At the expiration of a timed run, output voltage is automatically turned off and an alarm alerts the user. Alternatively, the system can be set up for an untimed run. The last used voltage and timer settings are held in memory for repetitive runs.

Safety Interlock

An important safety feature of the *Gel XL Ultra V2* is the lid interlock. When the lid is correctly in place, it completes the connection for two microswitches in the power supply and allows current to flow into the gel tank. When the lid is removed, the connection is broken and the power is shut off. The gel box cannot be run without the lid properly in place.



COMPLETE SYSTEM



MULTICHANNEL COMPATIBLE



DIRECT-CONNECT POWER SUPPLY



LID-POWER SUPPLY INTERLOCK



MICROCASTING SET



RUN UP TO 96 SAMPLES/GEL

Unique Gel Casting Stand

Gel casting is easy with the *Gel XL Ultra V2*. The casting stand holds one large or two small gels and eliminates the need for taping trays or using end dams. Gel trays are simply set in place and then the agarose is poured. Slots on the side of the casting set hold the combs in place. Multiple combs can be used in individual gels, allowing 96 samples to be run in the same gel. The supplied combs are dual format with 14 teeth on one side and 25 on the other.

Multichannel compatible

When running large numbers of samples, the use of multichannel pipettes greatly reduces the time required to load a gel. Both sides of the dual format combs are compatible with multichannel pipettes.

Accessories Available

In addition to the gel casting set supplied with the *Gel XL Ultra V2*, an optional microcasting set is also available. This set includes four each 5.2 x 6cm gel trays and a casting stand that will hold all four simultaneously. It also includes combs for the gels with six teeth on one side and eight on the other. Like the larger casting stand, the microcasting stand requires no tape or spacers and has slots on the sides to hold the combs in place. Additional standard casting sets are also available.

Quality Construction

Only quality materials are used in the construction of the *Gel XL Ultra V2* to ensure years of reliable service. The gel tank and trays are molded for durability and leakproof performance. The lid is easily removed with one hand and designed to help dissipate heat and carry any condensation away from the center of the tank.

Specifications

Gel Capacity	1 large (13 x 12 cm) or 2 small (13 x 6 cm)
Safety	Power linked mechanical switch detects presence of properly installed lid Over current system limits current if incorrect buffer concentration is used
Timer	0 - 99 minutes or continuous
Output voltage	18V, 25V, 35V, 50V, 70V, 100V or 135V, selectable
Input voltage	100-240V, 50/60Hz
Dimensions (W x D x H)	
Gel tank w/lid	197 x 170 x 70 mm / 7.8 x 6.7 x 2.8 in.
Power supply	75 x 170 x 62 mm / 2.9 x 6.7 x 2.5 in.

Ordering Information

Cat.No.	Description
E0145A	<i>Gel XL Ultra V2</i> complete electrophoresis system, includes gel tank with safety lid, direct-connect power supply and standard casting set
E0145A-230V	<i>Gel XL Ultra V2</i> , as above, with UK and EU cords
E0150	Standard casting set, includes 1 large (13 x 12 cm), 2 small gel trays (13 x 6 cm), 4 dual format combs with 13/26 teeth and casting stand (included with <i>Gel XL Ultra V2</i>)
E0155	Microcasting set, includes 4 micro gel trays (5.2 x 6 cm), 4 dual format combs with 6/8 teeth per gel and casting stand
E0102	Micro gel trays, 5.2 x 6 cm, 4 each
E0151	Large gel trays, 13 x 12 cm, set of 2
E0152	Small gel trays, 13 x 6 cm, set of 4
E0153	Gel casting stand for large and small gel trays
E0154	Dual format combs for large and small gel trays, 13/26 teeth, multichannel compatible, set of 2
E0157	Gel casting stand for micro gel trays

Other Electrophoresis Products from Labnet International

Power Station™ Power Supplies



- Dependable performance, intelligent control
- Constant current or constant voltage modes
- Ranges from 5 to 300 Volts, 2 to 2,000mA

Sub System™ Gel Boxes



- Two sizes for quick runs or higher resolution
- Molded, one-piece tank design
- UV transparent gel trays and tank



DyNA Light™ UV Transilluminator

- Large 21 x 26 cm viewing surface
- Dual intensity for analytical or preparatory work
- Hinged cover protects users from UV light

Labnet
Labnet International, Inc.

P.O. Box 841 • Woodbridge, NJ 07095 • USA • website: <http://www.labnetlink.com>
US • toll free: 888-LABNET1 • fax: 732 417-1750 • email: labnet@labnetlink.com
International • phone: +1-732-417-0700 • fax: +1-732-417-1750 • email: international@labnetlink.com