

# HORIZONTAL GEL ELECTROPHORESIS GEL20-500



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Gel instrument is a technique used in laboratory to separate charged molecules like DNA, RNA and proteins according to their size. Gel electrophoresis instruments are commonly used to run and compare DNA samples.

Used in Forensic, molecular biology, genetics, microbiology labs, gel electrophoresis instruments.

Also known as Laboratory Gel instrument.

## GEL20-500 HORIZONTAL GEL ELECTROPHORESIS

New and unique appearance, mini and portable; The electrophoresis tank and power can be separated

The cover with safely design, flip cover immediately power off, to ensure safety; Transparent cover and open hole design, easy to heat dissipation and observation; Top handle design, easy to pick and place

With seven output voltages, it can be called with one button, which is convenient and fast, saving standby consumption

Specially designed Electrophoresis shape, reducing the temperature difference between the buffer, while the heat benefit is improved. Put the gel into a limited position without drift

With the pause function, timing function, can leave after press the start button, with Alarm function, buzzer alert at the end

Highlight digital tube displays the set parameters, default remember the output voltage and time Settings of the previous operation

When the electrophoresis current exceeds the peak current, will automatically adjust the voltage to reduce the current value, improve the experimental reproducibility

Equipped with variety of specifications of gel trays / combs, compatible with a variety of experimental needs, compatible with high-throughput electrophoresis and multi-channel pipette operation



## SPECIFICATIONS

Model	GEL20-500
Capacity	Max.500ml
Multi-channel suitability	Suitable for multi-channel pipettor
Timing function	1min~99h59min or continu, with pause function
Security Settings	The power is automatically paused when the cover is lifted
Storage function	Automatically memorize the previous operating voltage and time
Inner diameter dimension	150x150x47 mm
Dimensions	260x170x68 mm
Input power	AC110V,50/60Hz
Net weight	0.78kgs
Output voltage	Constant peak voltage (140V) , impulse control
Optional output voltage	135V 100V 70V 50V 35V 25V 18V

## OPTIONAL ACCESSORIES

Accessory Code	Name	Dimension	Quantity
4300805005	Small size plate for gel	60mmx60mm	2
4300805006	Medium size plate for gel	120mmx60mm	1

4300805007	big size plate for gel	120mmx120mm	1
4300805008	Gel Comb 1	1.0mm thickness 25/11 teeth (Can used multichannel gun to add sample)	4
4300805009	Gel Comb 2	1.5mm thickness 18/8 teeth	1
4300805010	Gel Comb 3	1.5mm thickness 13/6 teeth	1
4300805011	Gel Comb 4	2.0mm thickness 3/2 teeth	1
4300805012	Base for gel making (double side)	138mmx138mmx36mm	1

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