

# Electrophoresis - 3624

Horizontal Gel Electrophoresis



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**Analytical Technologies Limited**

An ISO 9001 Certified Company

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## ►► Horizontal Gel Electrophoresis High Throughput Separations :

Large format - 25 x 30cm gel tray is ideal for high-throughput techniques, such as HLA typing and screening PCR products

Twelve comb slots - at 2cm intervals along the tray for rapid, high throughput separation of a maximum 624 samples

Multi-channel pipette compatible combs - with a maximum 52-sample throughput - allow samples to be loaded quickly and easily from 96 and 384-well thermal cyclers

## ►► Specifications:

Unit Dimensions (W x L x H) :	33 x 56 x 9cm
Gel Size (W x L) :	25 x 30cm
Buffer Volume :	3000ml
No.of Combs :	6
Comb Thickness :	1, 1.5 or 2mm
Comb Throughput :	26 to 52 samples
Comb Slots :	12
Migration Distance Between Comb Slots:	2cm
Buffer recirculation ports :	may be connected to a peristaltic pump for buffer recirculation during electrophoresis to maintain buffer pH and prevent ionic gradient formation

Coloured loading strips - for Easy well detection when loading

Comb Details: Multi-channel pipette compatible:					
	Thickness(mm)	Sample Throughput	Tooth Width(mm)	Max. Spacing(mm)	Sample Volume in 5mm Deep Well(μl)
52 Well Comb	1mm	52Wells	3	1.5	13
52 Well Comb	1.5mm	52Wells	3	1.5	20
26 Well Comb	1mm	26Wells	7	2	30
26 Well Comb	1.5mm	26Wells	7	2	45

## ►► Programmable Power Supply :



## ►► Specifications:

Output range :	Programmable) 10–300 V, fully adjustable in 1 V steps, 1–400 mA, fully adjustable in 1 mA steps
Type of output :	Constant voltage or constant current
Output terminals :	4 pair recessed banana jacks in parallel
Timer :	1 min–999 min , fully adjustable
Start /Stop Function :	Yes
Display :	LCD
Operating conditions :	0–40°C, 0–90% humidity in the absence of condensation
Safety features :	No-load detection, sudden load change detection, overload/short-circuit detection
Input protection :	1Amp. Fuse on both hot and neutral
Input power (actual) :	220 VAC/50hz

## Regulatory compliances



## Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



**Analytical**  
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1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at [Info@analyticalfoundation.org](mailto:Info@analyticalfoundation.org)

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

## Reach us @



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