

PCR Equipments & Sequencing

DNA Sequencer

The Seque **GeNei™** vertical sequencing apparatus is ideal for analytical Polyacrylamide Gel Electrophoresis of oligonucleotides. The system offers many advantages:

- Heat proof glass plates
- Anodized aluminium heatsink that provides uniform temperature control.
- **Imported combs and spacers**
- Safety at high voltage
- Removable buffer tanks

Technical Information:

Specification	Model I
Gel Size (cm)	45 x 21.5 cm
Buffer Required (ml)	750
Power required	2000 V;100mA
No. of slots : Shark tooth comb - 36 well & 27 well	
Cat #	106999

Recommended Power Supply: **GeNei™ Digital HVPS Cat # 106870/116738**

Acrylic Glass Plates Stand (Cat # 106998)

This convenient 10 place sequencing glass plate rack is used for drying, ease in carrying from bench to sink and storage.

Thermal Cycler

Description: Thermal cyclers are used for In-vitro DNA amplification. Genei offers a compact unit with 25X0.2ml and 20X0.5ml micro tube formats. Genei thermal cyclers can be programmed with password protection. Maximum of 80 programmes can be stored in this equipment.

Highlights:

- Fast track programming with free software upgrades
- More Reliable with high performance
- Portable dual voltage
- Fast ramping rate: up to 3.6° C/Sec
- PC control and networking options

Technical Specification:

Sample Capacity(0.5ml)	20
Sample Capacity(0.2ml)	25
User Interchangeable block (tool required)	yes
Heating Rate	3.6° C/Sec
Block Uniformity at 50° C	0.1° C
Temperature Range	4° C to 99° C
Temperature set point precision	0.1° C
Selectable heated lid temperature	100° C -115° C
Heated lid enable/disable	yes
Over Temperature cut-out	yes
Number of programs	80
Password protection	yes
Programming/Display alphanumeric	4-line
Peltier elements/Blocks	4
Dimensions(LxWxH)	330x185x190
Connection to PC	yes(via gensoft)
Power	230V/120V