

SUB25 Maxi-Plus Standard and SUB25C Maxi-Plus Cooled Submarine Gel Electrophoresis Units



SUB25



SUB25C

Ideal for high throughput screening of nucleic acids, particularly PCR products and in genotyping studies

The SUB25 Maxi-Standard Submarine Electrophoresis Unit provides a 25 x 30 cm gel-running tray with 12 comb positions accommodating a maximum throughput of 624 samples. The SUB25C Maxi-Cooled Submarine Electrophoresis Unit has the same efficient design as the SUB25 with the addition of a cooling base that can be connected to a recirculation bath allowing high voltage electrophoretic separations without overheating.

Features and Benefits

Large format—25 x 30 cm gel tray is ideal for high throughput techniques

Multichannel pipette compatible combs—with a maximum 52 sample throughput—reduce gel loading time

Color-coded and height adjustable combs—easily identify comb thickness at a glance and control well depth

Buffer recirculation ports—may be connected to a peristaltic pump (see page 142) for buffer recirculation during electrophoresis to maintain buffer pH and prevent ionic gradient formation

Colored loading strips—for easy well detection when loading

UV-transparent running tray—allows the user to image the gel without risk of damage due to handling

Side handles—for safe and easy transportation around the laboratory

Technical Specifications

Gel Dimensions (w x l)	25 x 30 cm
Maximum Buffer Volume	3 L
Maximum Power Settings	1000 V, 500 mA, 500 W
Maximum Sample Capacity	624
Maximum Running Temperature	45°C
Indoor Use	4-40°C
Humidity	Up to 80%
Unit Dimensions (w x l x h)	35 x 56 x 9 cm
Safety Certifications	EN61010-1, CE

Ordering Information

Cat. #	Description
SUB25	Maxi-Plus Standard Submarine Gel Unit

Includes:

- Buffer Chamber Assembly
- Safety Lid
- High Voltage Leads
- Running Tray w/Casting Gates
- 1 mm thick, 26 well combs—6 pcs
- Colored Loading Strips
- Buffer Recirculation Ports—2 pcs

Cat. #	Description
SUB25C	Maxi-Plus Standard Submarine Gel Unit w/Cooling Base

Includes:

- Buffer Chamber Assembly w/Cooling Ports
- Safety Lid
- High Voltage Leads
- Running Tray w/Casting Gates
- 1 mm thick, 26 well combs—6 pcs
- Colored Loading Strips
- Buffer Recirculation Ports—2 pcs