

# 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.

## 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

## 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 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

# SUB25 Maxi-Plus Standard and SUB25C Maxi-Plus Cooled Submarine Accessories and Replacement Parts

## Additional Features and Benefits of the SUB25C

**Cooled base**—covering the entire 25 x 30 cm gel tray—allows separations to be performed faster and at higher voltage, without loss of resolution

**Cooling ports**—connect the cooled base to an optional chiller for enhanced cooling.

## SUB25 Combs

Cat. #	# of Wells	Thickness (mm)	Well Width (mm)	Volume in 5 mm Deep Well (µl)
SUB25-C1-26MC	26*	1	7	30
SUB25-C1.5-26MC	26*	1.5	7	45
SUB25-C2-26MC	26*	2	7	60
SUB25-C1-52MC	52*	1	3	13
SUB25-C1.5-52MC	52*	1.5	3	20
SUB25-C2-52MC	52*	2	3	25

\*Microtiter spacing for use with multichannel pipette

## Accessories and Replacement Parts

Cat. #	Description
SUB25-TANK	Buffer Chamber Assembly
SUB25C-TANK	Buffer Chamber Assembly w/Cooling Ports
SUB25-LID	Lid SUB25 and SUB25C
SUB25-UT	25 x 30 cm Running Tray w/Casting Gates
SUB25-CG	Casting Gates w/Silicone Gasket—2 pcs
SUB25-CS	Colored Loading Strips—6 pcs
SUB25-GS	Gel Scoop for SUB25
SUB-LEAD	Replacement High Voltage Leads
SUB-SG	Silicone Gasket, 1 meter
SUB-BRP	Buffer Recirculation Ports—2 pcs

## SUB25 Casting Gates

The included casting gates conveniently and efficiently seal the running tray without the hassles of using tape.



SUB25-LID



SUB25-UT



SUB25-TANK



SUB25C-TANK