

SUB20 Maxi-Standard and SUB20C Maxi-Cooled Submarine Gel Electrophoresis Units

Ideal for high resolution analytical and preparative studies of nucleic acids



SUB20

The SUB20 Maxi-Standard Submarine Electrophoresis Unit provides a 20 x 20 cm gel-running tray with four comb positions which allows the user to perform high-resolution analytic research for a maximum of 168 samples. The SUB20C Maxi-Cooled Submarine Electrophoresis Unit has the same efficient design as the SUB20 with the addition of a cooling base that can be connected to a recirculation bath allowing high voltage electrophoretic separations without overheating.



SUB20C

NUCLEIC ACID ELECTROPHORESIS

Features and Benefits

Large format—20 x 20 cm gel tray is ideal for high resolution techniques

Multichannel pipette compatible combs—with a maximum 40 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)	20 x 20 cm
Maximum Buffer Volume	2.2 L
Maximum Power Settings	1000 V, 500 mA, 500 W
Maximum Sample Capacity	160
Maximum Running Temperature	45°C
Indoor Use	4-40°C
Humidity	Up to 80%
Unit Dimensions (w x l x h)	27 x 47.5 x 8 cm
Safety Certifications	EN61010-1, CE

Ordering Information

Cat. #	Description
SUB20	Maxi-Standard Submarine Gel Unit

Includes:

- Buffer Chamber Assembly
- Safety Lid
- High Voltage Leads
- Running Tray w/Casting Gates
- 1 mm thick, 16 well combs—2 pcs
- Colored Loading Strips
- Buffer Recirculation Ports—2 pcs

Cat. #	Description
SUB20C	Maxi-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, 16 well combs—2 pcs
- Colored Loading Strips
- Buffer Recirculation Ports—2 pcs