

SUB15 Standard Submarine Gel Electrophoresis Unit

Provides the most commonly used tray size and comb options



A maximum 120-sample throughput makes the SUB15 Standard Gel Unit a highly versatile option for screening samples ranging from DNA mini-preps to PCR products.

Technical Specifications

Gel Dimensions (w x l)	15 x 15 cm
Maximum Buffer Volume	1.2 L
Maximum Power Settings	300 V, 200 mA, 60 W
Maximum Sample Capacity	120
Maximum Running Temperature	45°C
Indoor Use	4-40°C
Humidity	Up to 80%
Unit Dimensions (w x l x h)	21.5 x 33.5 x 7cm
Safety Certifications	EN61010-1, CE

Features and Benefits

The market standard—a 15 x 15 cm gel tray, with comb options ranging from 1 to 30 samples, is currently the most popular format in today's market

Multichannel pipette compatible combs—with a maximum 30 sample throughput reduce gel loading time, while preparatory combs enable nucleic acids to be scaled-up for cloning

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

Ordering Information

Cat. #	Description
SUB15	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