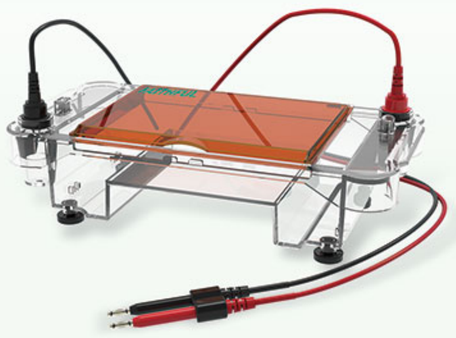
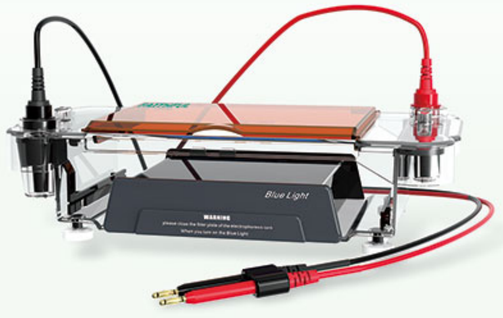
Agarose Gel Horizontal Electrophoresis Cell

FL-Sub03



• FL-Sub03



• FL-Sub03+

Features

- This product is suitable for nucleic acid electrophoresis to separate and identify DNA, as well as determine its molecular weight.
- Made of high-strength transparent polycarbonate via injection molding, it is leak-proof and impact-resistant.
- Professional blue-light shielding flip-top design allows effective heat dissipation when opened.
- When used with a blue-light electrophoresis monitor, it effectively shields blue light while enabling clear observation of bands.
- The level adjustment knobs at the bottom allow for leveling of the electrophoresis cell.
- Two different gel sizes are available to meet both standard and high-throughput electrophoresis requirements.
- The gel casting tray features a reversible design to save space.
- 99.99% high-purity platinum electrodes provide superior electrical conductivity.
- The FL-Sub03+ model is based on FL-Sub03 with an additional integrated blue light transillumination device.
- The blue light LED has a wavelength of 470 nm.
- When used with blue light dyes, it allows real-time monitoring of the electrophoresis process.
- The blue light automatically turns off after 5 minutes to prevent LED degradation from prolonged illumination.

Technical Parameters

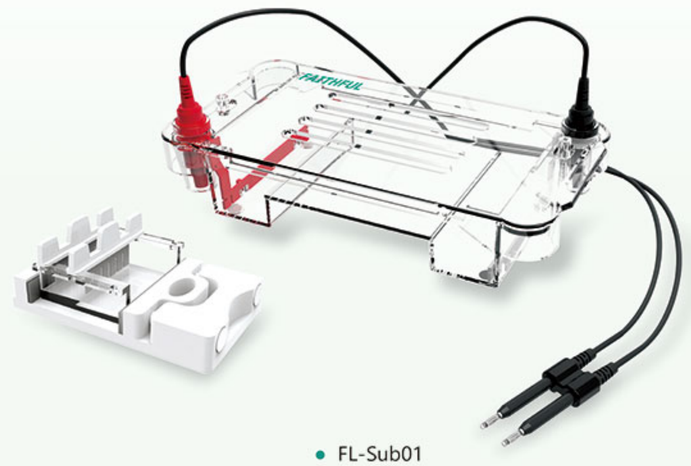
- Gel Area (W×L): 130×200 mm
  130×150 mm
- Sample Combs: 1.0 mm: 14-tooth / 18-tooth / 26-tooth
  1.5 mm: 18-tooth
- Buffer volume: 800 mL
- Overall dimensions (L×W×H): 365×150×130 mm

Standard Configuration

Name	Unit	Quantity
Electrophoresis Cell Lid (with power cord)	SET	1
Electrophoresis Cell Bottom Shell (with electrodes)	SET	1
Gel Caster	PC	1
Large Gel Tray (130*200 mm)	PC	1
Small Gel Tray (130*150 mm)	PC	1
1.0 mm 14-tooth Comb	PC	2
1.0 mm 18-tooth Comb	PC	2
1.0 mm 26-tooth Comb	PC	2
1.5 mm 18-tooth Comb	PC	2

Agarose Gel Horizontal Electrophoresis Cell

FL-Sub01



• FL-Sub01

Features

- This product is suitable for the rapid separation, identification, preparation of DNA, and determination of its molecular weight.
- Made of polycarbonate by one-step injection molding, ensuring no leakage.
- The perforated design of the lid allows effective heat dissipation and prevents vapor condensation.
- Special retractable elastic gel caster ensures cleanliness and no gel leakage.
- Positioning function guarantees correct electrode connection.
- Removable electrodes facilitate easy replacement and maintenance.
- 99.99% high-purity platinum electrodes offer superior electrical conductivity, corrosion resistance and anti-aging properties.

Technical Parameters

- Gel Area (W×L):60×75 mm
- Sample Combs: 1.0 mm: 6-tooth / 11-tooth
  1.5 mm: 6-tooth / 11-tooth
- Buffer volume: 300 mL
- Overall dimensions (L×W×H): 220×100×100 mm

Standard Configuration

Name	Unit	Quantity
Electrophoresis Cell Lid (with power cord)	SET	1
Electrophoresis Cell Bottom Shell (with electrodes)	SET	1
Gel Caster	PC	1
Gel Tray	PC	1
1.0 mm 6-tooth Comb	PC	2
1.0 mm 11-tooth Comb	PC	2
1.5 mm 6-tooth Comb	PC	2
1.5 mm 11-tooth Comb	PC	2