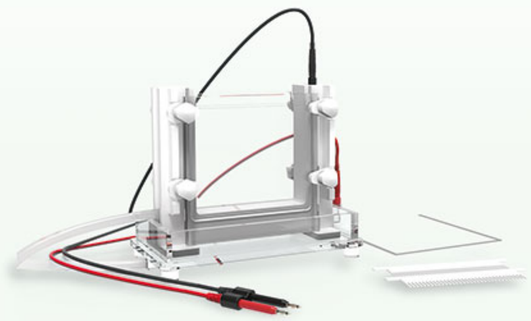
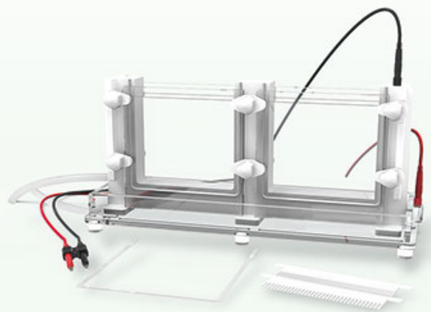
Medium-sized Vertical Electrophoresis Cell

FL-Scz02 FL-Scz03





- FL-Scz02 Dual-Gel Vertical Electrophoresis Tank
- FL-Scz03 Quadruple-Gel Vertical Electrophoresis Tank

Features

- Suitable for various protein gel electrophoresis and SSR molecular marker analysis.
- Capable of running 2-4 medium-sized gels simultaneously to meet high-throughput electrophoresis requirements.
- Thickened gel glass plates for enhanced sturdiness and durability.
- Integrated design of the notched plate and edge strips.
- Special gel sealing mold to ensure no gel leakage.
- Buffer solution outlets on both upper and lower tanks for easy removal of residual liquid.
- No additional electric field interference from the sides, resulting in straight and clear bands.
- 99.99% high-purity platinum electrodes for superior electrical conductivity.

Technical Parameters

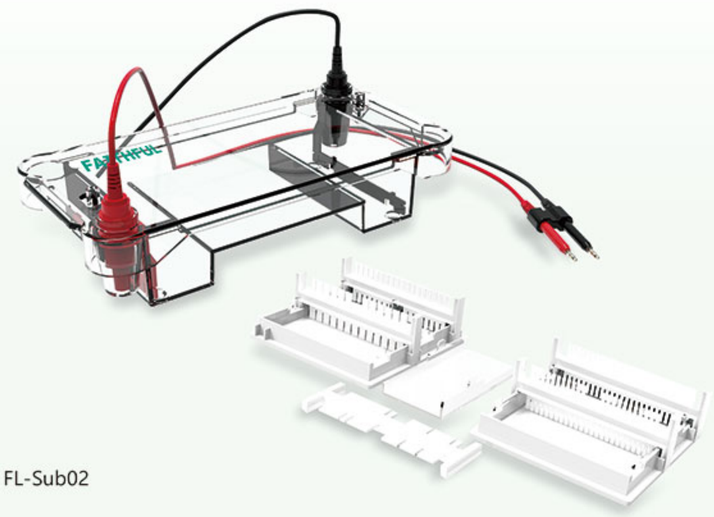
- Glass area: 18×18cm
- Gel area: 15×15cm
- Gel thickness: 1.0 mm
- Comb teeth number: 20, 34, 50 (optional, compatible with multi-channel pipette sampling)
- Note: The standard configuration of FL-Scz03, excluding the electrophoresis cell body, drain tube and power cord, is twice that of FL-Scz02.

Standard Configuration

Name	Unit	Quantity
Electrophoresis Cell Body	PC	1
Gel Glass Notched Plate	PC	2
Gel Glass Flat Plate	PC	2
1.0mm 20-tooth Comb	PC	2
1.0mm 34-tooth Comb	PC	2
Drain Tube	PC	2
Power Cord	SET	1
Gel Sealing Frame	PC	2
Binder Clip	PC	8

Agarose Gel Horizontal Electrophoresis Cell

FL-Sub02



- FL-Sub02

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.
- Capable of casting four different-sized gels, with a maximum throughput of 100 samples per electrophoresis run.
- Positioning function prevents reverse installation of positive and negative electrodes.
- The lid of the electrophoresis cell is designed with a positioning mechanism to ensure correct polarity of the electrodes during electrophoresis.
- The transparent lid features perforations for convenient heat dissipation and observation.
- 99.99% high-purity platinum electrodes offer superior electrical conductivity, corrosion resistance and anti-aging properties.
- Compatible with the optional FL10LG electrophoresis monitor for real-time monitoring of the electrophoresis process.

Technical Parameters

- Gel specifications (W×L):120×120 mm
  120×60 mm
  60×120 mm
  60×60 mm
- Sample combs: 2+3 teeth
  6+13 teeth
  8+18 teeth
  11+25 teeth
  (compatible with multi-channel pipette sampling)
- Buffer volume: 700 mL
- Overall dimensions (L×W×H): 330×160×120 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 (120*120 mm)	PC	1
Wide Gel Tray (120*60 mm)	PC	1
Long Gel Tray (60*120 mm)	PC	1
Small Gel Tray (60*60 mm)	PC	2
2.0 mm Comb (2+3 teeth)	PC	1
1.0 mm Comb (6+13 teeth)	PC	1
1.0 mm Comb (8+18 teeth)	PC	1
1.0 mm Comb (11+25 teeth)	PC	4