

TECHNICAL DATA SHEET

Doc No – Ab/TDS/ELECTRO-113

Rev No: 02 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.

ABDOS Mini EP Horizontal Gel Unit with Inbuilt Power Supply

Valid for Catalog No. E12000

SRN (Single Registration Number): IN-MF-000022272

1. Description Specifications:

1.1 Description: Mini EP Horizontal Electrophoresis with 11 x 6 cm & 6 x 5.4cm Gel trays and Inbuilt Power supply

1.1.1 Abdos introduces a highly versatile Mini EP Horizontal Electrophoresis system featuring in-built power supply and horizontal electrophoresis suitable for wide range of nucleic acid electrophoresis applications.

1.1.2 Mini EP is all in one unit which comes with an in-built removable power supply which runs on 35V, 50V & 100V, and horizontal electrophoresis with two sizes of gel trays. Vented safety lid ensures condensation free runs and helps heat dissipation. A timer function with visual and audible alarm of 1-99mins ensures worry free runs without losing the bands.

1.1.3 Recommended Power Supply – In-Built

1.2 Design: Gel Electrophoresis system

1.3 Performance Specifications:

| Specifications | E12000 |
|---------------------------|---------------------|
| Dimensions (LxBxH) | 19 x 13 x 16 mm |
| Input Power | AC 200-240,50-60Hz |
| Max. Buffer volume | 230ml |
| Output Power | DC 35V/DC50V/DC100V |

TECHNICAL DATA SHEET

Doc No – Ab/TDS/ELECTRO-113

Rev No: 02 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.

ABDOS Mini EP Horizontal Gel Unit with Inbuilt Power Supply

| | |
|-----------------------------|---|
| Tank Dimensions | 11x12.1x4.3 cm |
| Timer | 1 min-99min |
| Max. Power | 40 W |
| Construction of Unit | PC+ABS with high temperature resistance |

1.4 Material: PC + ABS

1.5 Color: Natural

1.6 CE Certified

1.7 Quality control:

Products are manufactured, inspected and found to be in compliance with product & quality specification requirements as documented in ISO 9001:2015 & 13485:2016 Quality Management System. Testing of various characteristics in accordance with the valid specification, inspection reviewed & signed for product release

1.8 Features :

- Compact and easy to use design. In-built power supply with 35V, 50V & 100V output.
- Leak proof & tape free easy casting. 1-99mins timer function.

1.9 Inclusions :

- Power Supply
- Gel Tank
- Safety Lid
- Large Gel Trays – 11x6cm (2 Nos)
- Small Gel Trays – 6x5.4cm (4 Nos)
- Two Nos each 12 & 22 wells double sided combs (For large Tray), 10&18 wells double sided

TECHNICAL DATA SHEET

Doc No – Ab/TDS/ELECTRO-113
Rev No: 02 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.
ABDOS Mini EP Horizontal Gel Unit with Inbuilt Power Supply

- combs (For small tray).
- 2 gel casters for wide and mini gel trays

2.0 Spare Accessories

| Code | Product | No. Per Case |
|--------|--------------------------------|--------------|
| E12001 | Gel Tank | 1 |
| E12002 | Power Supply | 1 |
| E12003 | Gel Caster, Large | 1 |
| E12004 | Gel Caster, Large | 1 |
| E12005 | Gel Tray ,11x6cm | 1 |
| E12006 | Gel Tray ,6x5.4cm | 1 |
| E12007 | Comb 12/22 well for large tray | 1 |
| E12008 | Comb 10/28 well for small tray | 1 |

2.1 Intended use: Widely used in scientific studies of molecular biology, clinical chemistry, biochemistry and any type of scientific laboratory.

Warranty: 12 months from the date of Installation or 15 months from the date of Invoicing

TECHNICAL DATA SHEET

Doc No – Ab/TDS/ELECTRO-113

Rev No: 02 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.

ABDOS Mini EP Horizontal Gel Unit with Inbuilt Power Supply

Instruction for Use

Storage temp. Max 30°C

Before using the product check crackness etc.

Check all the information printed on pouches or boxes.

Always wear gloves while handling specimen.

WARNING

DO NOT store strong oxidizing agents.

DO NOT place any plastic labware in a flame.

DO NOT mix any chemicals that may result in a thermic reaction, which can cause product failure

Consult local fire codes prior to storage of flammable liquids.

Manufactured & Marketed By :
Abdos Labtech Private Limited

Plot No. 1 Lakheshwari Bhagwanpur Roorkee 247667 (UK) India
For Complaints/Feedback Contact Customer Care at above address or
Ph.: +91-011-41081897 or Email us at labtech@abdosindia.com
Lic. No. : MFG/IVD/2024/000115 MADE IN INDIA



Scan to visit website



Quality Manager

Abdos Labtech Private Limited

Employee Code 30110



TECHNICAL DATA SHEET

Doc No – Ab/TDS/ELECTRO-113

Rev No: 02 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.

ABDOS Mini EP Horizontal Gel Unit with Inbuilt Power Supply

