

Technical Data Sheet

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TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

ABDOS Mini Horizontal Gel Unit with Inbuilt Power Supply

Valid for Catalog No. E12000

1. Description Specifications:

1.1 Description: Mini EP Horizontal Electrophoresis with 11 x 6 cm & 5.4 x 6 cm 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.

1.2 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
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



Abdos Labtech Private Limited
(A Division of Abdos Group)
(An ISO 9001,13485,14001,18385,GMP & CE certified company)
Shiv Ganga Industrial Estate
Plot No-1, Lakheswari, Bhagwanpur,
Roorkee-247667, (UK) INDIA

Registered office
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GST: 05AAGCA8605A1Z7

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1.7 Quality control:

Product 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 – 5.4x6cm (4 Nos)
- Two Nos each 12 & 22 wells double sided combs (For large Tray), 10&18 wells double sided 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 ,6x11cm	1
E12006	Gel Tray ,6x5.4cm	1
E12007	Comb 12/22 well for large tray	1
E12008	Comb 12/22 well for small tray	1

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



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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.



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