

TECHNICAL DATA SHEET

Doc No – Ab/TDS/ELECTRO-123

Rev No: 03 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.
ABDOS Vertical Dual Midi Gel System

Valid for Catalog No. E12326

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

1. Description Specifications:

1.1 Description: Vertical Midi Dual Gel System Includes –
Dual Midi Vertical Assembly, 2 sets of Glass Plates (Rectangular & Notched), 13 wells 2
Combs each of 1 mm & 1.5mm thickness, 4 nos. spacers of 1mm & 1.5 mm Thickness, Gel
Casting Stand - 1 No, Supporting Screws-2 No's, Safety Lid - 1 No, Connecting Cord - 1 Pair.

1.1.1 The system is a twin plate 16x14cm midi-gel unit designed specifically for PAGE &
SDS-PAGE techniques requiring self-cast gels.

1.1.2 The system comes with standard casting unit, combs & spacers of 1 & 1.5mm thickness
& a set of glass plates.

1.1.3 Low buffer consumption design having small footprint area, occupies minimal lab
bench space.

1.1.4 Unique “T” spacers for leak proof casting.

1.1.5 Recommended Power Supply – E12377

1.2 Design: Gel Electrophoresis system

1.3 Performance Specifications:

Specifications	E12326
Dimensions (LxWxH)	23 x 18 x 27.5 cm
Gel Dimension (WxH)	16x14cm (2 gels)
Buffer volume	200 + 250ml

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Electrode wires	Brass, Platinum
Standard Combs-Teflon	13 Well-1.0mm and 1.5mm (2 Nos each)
Standard Combs-Teflon	1.0mm and 1.5mm (2Nos each)
Max. Sample Capacity	40
Time Consumed	2 to 5 hrs
Recommended Power Supply	E12377

1.4 Material: Acrylic

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 Spare Accessories

Code	Product	No. Per Case
E12327	Glass Plates(Notched & Rectangular)	1 set
E12331	Teflon Comb 13 well 0.5 mm	1
E12332	Teflon Comb 13 well 1.0 mm	1

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E12333	Teflon Comb 13 well 1.5 mm	1
E12334	Teflon Comb 20 well 0.5 mm	1
E12295	Teflon Comb 20 well 1mm	1
E12296	Teflon Comb 20 well 1.5mm	1
E12335	Teflon Spacers 0.5 mm	6
E12336	Teflon Spacers 1.0 mm	6
E12337	Teflon Spacers 1.5 mm	6
E12342	Lavelling Screws	3
E12244	Connecting Cords	1 Set

1.9 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

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.

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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.



Quality Manager

Abdos Labtech Private Limited

Employee Code 30110



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