

# Technical Data Sheet

Doc No Ab/TDS/ELECTRO-120

Rev No: 01 Date 10/2021-22

## TECHNICAL DATA SHEET

**Abdos Labtech Pvt. Ltd.**

**ABDOS Vertical Dual Mini Gel System**

**Valid for Catalog No. E12226**

### **1. Description Specifications:**

**1.1 Description: Vertical Mini Dual Slab Gel Electrophoresis System - Basic unit includes Dual Vertical Assembly, Glass Plates (Rectangular & Notched) : 2 sets, Comb 0.5 mm Thickness (7 wells) - 2 No's, Comb 1 mm Thickness (7wells) - 2 No's., Spacer 0.5 mm Thickness - 4 No's, Spacer 1.0 mm Thickness - 4No's, Gel Casting Stand - 1No, Supporting Screws-2 No's, Safety Lid - 1 No, Connecting Cord - 1 Pair**

1.1.1 The system is a twin plate 8 x 7 cm mini-gel unit designed specifically for PAGE techniques requiring self-cast gels, although precast gels may also be used.

1.1.2 The system contains standard casting units.

1.1.3 The system is compatible with standard, 8 x 7cm (W x H) commercially available precast gels.

1.1.4 Low buffer volume within the inner chamber of the GRM and bottom reservoir economises buffer consumption.

1.1.5 Combs and spacers available in 0.5 & 1 mm thickness.

1.1.6 The system has a small footprint area and occupies minimal bench space.

### **1.2 Design: Gel Electrophoresis system**

### **1.3 Performance Specifications:**

Specifications	E12226
<b>Dimensions (L x B x H)</b>	16 x 20 x 15 cm
<b>Upper Buffer Tank Dimension (L x B x H)</b>	70 x 70 x 43 cm
<b>Lower Buffer Tank Dimension (L x B x H)</b>	150 x 130 x 115 cm
<b>Active Gel Dimension (W X H)</b>	8x7cm
<b>Maximum Sample Capacity</b>	14
<b>Recommended Buffer Volume</b>	Upper Tank : 150 ml, Lower Tank : 200 ml
<b>Water Circulation Facility</b>	Yes
<b>No. of Combs</b>	7 well Teflon comb



**Shiv Ganga Industrial Estate,**  
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**CIN : U85100WB2008PTC123903**

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	0.5 & 1.0 mm (2 Nos each)
<b>No. of Teflon Spacer</b>	0.5 & 1 mm (4 Nos each)
<b>Glass plates</b>	Notched & Rectangular (2 Sets)
<b>Platinum Electrode</b>	Red and Black (1 Pair)
<b>Connecting Cord</b>	Red and Black (1 Each)
<b>Recommended Power Supply</b>	E12377 & E12378

**1.4 Material:** Acrylic

**1.5 Color:** Natural

**1.6 CE Certified**

**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 Spare Accessories**

<b>Code</b>	<b>Product</b>	<b>No. Per Case</b>
<b>E12227</b>	Glass Plates(Notched & Rectangular)	1set
<b>E12228</b>	Mini Multiple Gel Casting Unit(For 2 Gels)	1
<b>E12229</b>	Teflon Comb 7 well 0.5 mm	1
<b>E12230</b>	Teflon Comb 7 well 0.75 mm	1
<b>E12231</b>	Teflon Comb 7 well 1.0 mm	1
<b>E12232</b>	Teflon Comb 7 well 1.5 mm	1
<b>E12233</b>	Teflon Comb 10 well 0.5 mm	1
<b>E12234</b>	Teflon Comb 10 well 0.75 mm	1
<b>E12235</b>	Teflon Comb 10 well 1.0 mm	1
<b>E12236</b>	Teflon Comb 10 well 1.5 mm	1
<b>E12237</b>	Teflon Spacers 0.5 mm	6
<b>E12238</b>	Teflon Spacers 0.75 mm	6



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<b>E12239</b>	Teflon Spacers 1.0 mm	6
<b>E12240</b>	Teflon Spacers 1.5 mm	6
<b>E12241</b>	ACRYLIC Clamp(1 pcs) and Screws(2 pcs)	1set
<b>E12242</b>	Gel Developing Tray with Gel Holder 8 x 7 cm(05-02)	1
<b>E12243</b>	Glass Plate Stand	1
<b>E12244</b>	Connecting Cords	2

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

  
Quality Assurance Incharge  
Abdos Labtech Pvt. Ltd.



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