

# Technical Data Sheet

Doc No Ab/TDS/ELECTRO-114

Rev No: 01 Date 10/2021-22

## **TECHNICAL DATA SHEET**

**Abdos Labtech Pvt. Ltd.**

**ABDOS Mini Horizontal Gel Unit**

**Valid for Catalog No. E12100**

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

**1.1 Description: Mini Horizontal System includes Basic unit with fixed Platinum Electrode Assembly, Gel Running Trays of 6 x 7.5 cm (1 No.), 16 Well ABS comb with 1.5 mm thickness (2 Nos.), Connecting Cord (1 Pair)**

1.1.1 The system has moulded basic unit with fixed platinum electrode assembly along with Gel running and Gel casting Tray.

1.1.2 The combs are adjustable by height to offer complete control over loading volume and well depth, upto a maximum of 32 samples throughput.

1.1.3 Gel length is a short 6 cm ideal for rapid separations.

1.14 The tank is very compact reducing the buffer volume required to cover the gel, providing greater control over the voltage gradient and run-time

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

### **1.3 Performance Specifications:**

Specifications	E12100
<b>Dimensions (LxBxH)</b>	14 x 25 x 7 cm
<b>Gel Dimension (WxL)</b>	6 x 7.5 cm
<b>Buffer volume</b>	325ml
<b>Max. sample capacity</b>	32
<b>Adjustable Combs</b>	16 Well Adjustable comb (2 Nos)
<b>Comb Thickness</b>	1 mm, 1.5 mm or 2 mm
<b>Comb throughput</b>	16 samples
<b>Comb Slots</b>	2
<b>UV Trays</b>	Gel Running Tray with inbuilt Casting Gates



**Shiv Ganga Industrial Estate,**  
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**An ISO 9001 ,13485, 14001 & CE Certified**  
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**CIN : U85100WB2008PTC123903**

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<b>Platinum Electrode</b>	Red and Black (1 Pair)
<b>Connecting Cord</b>	Red and Black (1 Each)
<b>Recommended Power Supply</b>	E12376, 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>E12101</b>	Gel Running Tray : 6 X 7.5 cm	1
<b>E12102</b>	Gel Casting Tray : 6 X 7.5 cm	2
<b>E12103</b>	16 Well Adjustable Comb	1
<b>E12104</b>	Connecting Cord for E12100	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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