

# Technical Data Sheet

Doc No Ab/TDS/ELECTRO-119

Rev No: 01 Date 10/2021-22

## **TECHNICAL DATA SHEET**

**Abdos Labtech Pvt. Ltd.**

**ABDOS Maxi Plus Horizontal Gel Unit**

**Valid for Catalog No. E12201**

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

**1.1 Description: Maxi Plus Horizontal System includes Basic unit with fixed Platinum Electrode Assembly, Gel Running Trays of 25 x 30 cm (1 No.), 52 Well ABS Comb with 1.5 mm thickness (2 Nos.), Connecting Cord (1 Pair)**

1.1.1 The system has large 25 x 30 cm gel Tray that is ideal for high resolution techniques, such as screening PCR Products and RFLP analysis.

1.1.2 The combs are height adjustable to offer complete control over loading volume and well depth.

1.1.3 The system has 12 comb positions at different intervals along the tray for fast separation of a maximum of 624 samples.

1.1.4 The Combs in this system are compatible with Multichannel pipette with a maximum of 52 sample throughput to reduce gel loading time.

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

### **1.3 Performance Specifications:**

<b>Specifications</b>	<b>E12201</b>
<b>Dimensions (LxBxH)</b>	34 x 57 x 10 cm
<b>Gel Dimension (WxL)</b>	25 x 30 cm
<b>Buffer Volume</b>	3000 ml
<b>Maximum Sample Capacity</b>	256
<b>Adjustable Combs</b>	52 Well Adjustable comb (6 Nos)
<b>Comb Thickness</b>	1, 1.5 or 2 mm
<b>Comb Throughput</b>	52 samples
<b>Comb Slots</b>	12
<b>UV Trays</b>	Gel Running Tray with inbuilt Casting Gates
<b>Platinum Electrode</b>	Red and Black (1 Pair)



**Shiv Ganga Industrial Estate,**  
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<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>E12202</b>	Gel Running Tray : 25 X 30 cm	1
<b>E12203</b>	Gel Casting Tray : 25 X 30 cm	1
<b>E12204</b>	52 Well Adjustable Comb	1
<b>E12205</b>	Connecting Cord for E12201	2

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



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