

# Technical Data Sheet

Doc No Ab/TDS/ELECTRO-118

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## TECHNICAL DATA SHEET

**Abdos Labtech Pvt. Ltd.**

**ABDOS Midi Horizontal Electrophoresis**

**Valid for Catalog No. E12150**

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

**1.1 Description:** Midi Horizontal System includes Basic unit with Removable Platinum Electrode Assembly, Gel Running tray of 15x15cm (1 No.), 1mm thick 4 combs of 16 & 20 Wells, casting unit & connecting Cord (1 Pair)

1.1.1 Abdos Midi Horizontal Electrophoresis offers wide range of applications such as rapid screening of clonal or PCR products, restriction fragment analysis and other close molecular weight bands separation.

1.1.2 Height adjustable combs offers complete control over depth of the wells and sample loading capacity. 16 well combs that allows easy loading from 96 well PCR & Microtiter plates in the wells.

1.1.3 UV Transparent Gel Trays can directly be put over the UV Transilluminator. Easy to replace removable electrode casing.

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

### **1.3 Performance Specifications:**

Specifications	E12150
<b>Dimensions (WxLxH)</b>	31 x 18.5 x 9.5cm
<b>Gel Dimension (WxL)</b>	15x15cm
<b>Buffer volume</b>	600ml
<b>Standard Combs</b>	16 & 20 well height adjustable combs (2 Nos Each), 1mm thick
<b>Max. Sample Capacity</b>	112
<b>Gel Casting Tray</b>	Included as standard
<b>Connecting Cord</b>	1 Pair (Red & Black) included as standard
<b>Comb Slots</b>	4 Slots
<b>Platinum Electrodes</b>	1 Set (Anode and Cathode) removable electrode casting

### **1.4 Material: Acrylic**

### **1.5 Color: Natural**



Abdos Labtech Private Limited  
(A Division of Abdos Group)  
(An ISO 9001,13485,14001,18385,GMP & CE certified company)  
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## 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

Code	Product	No. Per Case
E12181	UV Transparent Tray Gel Running Tray 15X15Cm	1
E12182	UV Transparent Tray Gel Running Tray 15X10Cm	1
E12183	UV Transparent Tray Gel Running Tray 15X7Cm	1
E12184	16 Well Height Adjustable Comb 1mm	1
E12193	16 Well Height Adjustable Comb 1.5 mm	1
E12185	20 Well Height Adjustable Comb 1mm	1
E12189	20 Well Height Adjustable Comb 1.5 mm	1
E12186	28 Well Height Adjustable Comb 1mm	1
E12194	28 Well Height Adjustable Comb 1.5 mm	1
E12187	Gel Casting Tray for 15 x 15 Cm	1
E12188	Connecting Cord	1 Pair
E12197	Negative Electrode casing with wire & Electrode for E12150	1
E12198	Positive Electrode casing with wire & Electrode for E12150	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.



**Abdos Labtech Pvt. Ltd.**

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Quality Assurance Incharge  
Abdos Labtech Pvt. Ltd.



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