

Technical Data Sheet

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TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

HU6 Mini Horizontal Submarine Gel Electrophoresis system

Valid for Catalog No. HU6

1. Description Specifications:

1.1 Description: Mini horizontal gel unit with removable casting tray and 2x1mm thick , 8sample combs and coloured strips

1.1.1 The system has four casting options to provide total flexibility in gel casting either directly with in the tank or externally when tank is in use

1.1.2 Combs are colour coded and height adjustable to offer complete control over loading volume and well depth to a maximum 32 sample through put.

1.1.3 Coloured loading strips are available for easy well detection when loading.

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

1.1.6 UV transparent acrylic casting tray allows user to image the gel without risk of damage due to handling

1.1.7 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: HU6 Mini Horizontal Submarine Gel Electrophoresis system

1.3 performance Specifications:

Specifications	HU6
Dimensions (WxLxH)	13x24x6.5 cm
Gel Dimension (WxL)	6x7.5cm
Buffer volume	325ml
Max. sample capacity	32
Combs	2
Comb Thickness	1, 1.5 or 2mm



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Comb throughput	8 to 16 samples
Comb Slots	2
Migration distance b/w Combs	3.5cm
Running Voltage	70 to 90 V
Power output connectors (Diameter)	Shrouded, 4mm
Power Supply	Consort EV245

1.4 Material: Acrylic

1.5 Color: Natural & Green

1.6 CE Certified

1.7 Spare Accessories

Code	Product	No. Per Case
HU6-UT	Gel casting tray 6x7.5cm	1
HU6-SCG	Silicon casting gates	2
HU6-CS	Coloured Loading strips	1
HU6-CU	external casting unit for 3 gel casting trays	2
HU6-GS	Gel scoop 6x8.5cm	6
PT- 0.2	0.2mm thick, platinum electrode wire	1
Cable 4	1 metre power leads with shrouded 4mm power output connectors	1
HU6-C1-8	HU6 comb, thickness 1mm, 8wells , well volume 20ul	2
HU6-C1-12MC	HU6 comb, thickness 1mm, 12wells , well volume 11ul	2
HU6-C1-16	HU6 comb, thickness 1mm, 16wells , well volume 10ul	1
HU6-C1.5-8	HU6 comb, thickness 1.5mm, 8wells , well volume 30ul	1
HU6-C1.5-12MC	HU6 comb, thickness 1.5mm, 12wells , well volume 17ul	1
HU6-C1.5-16	HU6 comb, thickness 1.5mm, 16wells , well volume 15ul	1
HU6-C2-8	HU6 comb, thickness 2mm, 8wells , well volume 40ul	1




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HU6-C2-12MC	HU6 comb, thickness 2mm, 12wells , well volume 22ul	1
HU6-C2-16	HU6 comb, thickness 2mm, 16wells , well volume 20ul	1


Quality Assurance Incharge
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