



Easigel H1-SET

The Easigel H1-SET offers a swift and simple horizontal gel electrophoresis solution for standard preparative and analytical studies of nucleic acids.

ORDERING INFORMATION

Complete System

'Easigel' horizontal gel unit with built-in casting tray and 2 x 1.5mm thick, 8-sample combs

Part No.

H1-SET

Replacement Parts & Accessories

2 x casting gates

H1-CG

2 x 1 metre power leads with shrouded

4mm power output connectors

CABLE-4

2 x 0.2mm thick, platinum electrode wire

PT-0.2

H1-SET Combs

Part No.	Thickness (mm)	Sample Throughput	Tooth Width (mm)	Max. Spacing (mm)	Sample Volume in a 5mm Deep Well (µl)
H1-C1-1D	1	1	77	2	345
H1-C1-4	1	4	22	2	100
H1-C1-8	1	8	10	2	45
H1-C1-12	1	12	6	2	27
H1-C1-16	1	16	4	2	18
*H1-C1-20MC	1	20	2.8	2	12
H1-C1.5-1D	1.5	1	77	2	515
H1-C1.5-4	1.5	4	22	2	150
H1-C1.5-8	1.5	8	10	2	65
H1-C1.5-12	1.5	12	6	2	40
H1-C1.5-16	1.5	16	4	2	27
*H1-C1.5-20MC	1.5	20	2.8	2	18

*Multichannel pipette compatible

BENEFITS INCLUDE

- **Plastic casting gates** - for direct gel casting in the tank with no need for costly accessories
- **Colour-coded combs** - 1 and 1.5mm thick, offer flexibility in sample-loading volume to a maximum 40-sample throughput
- **Quick-release lid** - disconnects the tank and lid simultaneously from the power supply for safe gel loading and disposal
- **UV-transparent acrylic** - for direct visualisation of the gel within the tank, limiting the user's exposure to hazardous ethidium bromide
- **Compact design** - minimises the buffer volume required to cover the gel, providing optimal control over the voltage gradient and run-time
- **Small size** - allows safe and easy transportation from the bench to the transilluminator

TECHNICAL SPECIFICATION

Unit Dimensions (W x L x H)	13.5 x 15 x 3cm
Gel Dimensions (W x L)	10 x 8cm
Minimum Buffer Volume	50 ml
Maximum Sample Capacity	40
Combs	2
Comb Thickness	1 or 1.5mm
Comb Throughput	1 to 20 sample(s)
Comb Slots	2
Migration Distance Between Comb Slots	3cm
Recommended Running Voltage (power supply)	70 to 90V
Power Output Connectors (diameter)	Shrouded, 4mm
Recommended Power Supplies	Scie-Plas MPSU 125/200 Consort EV222