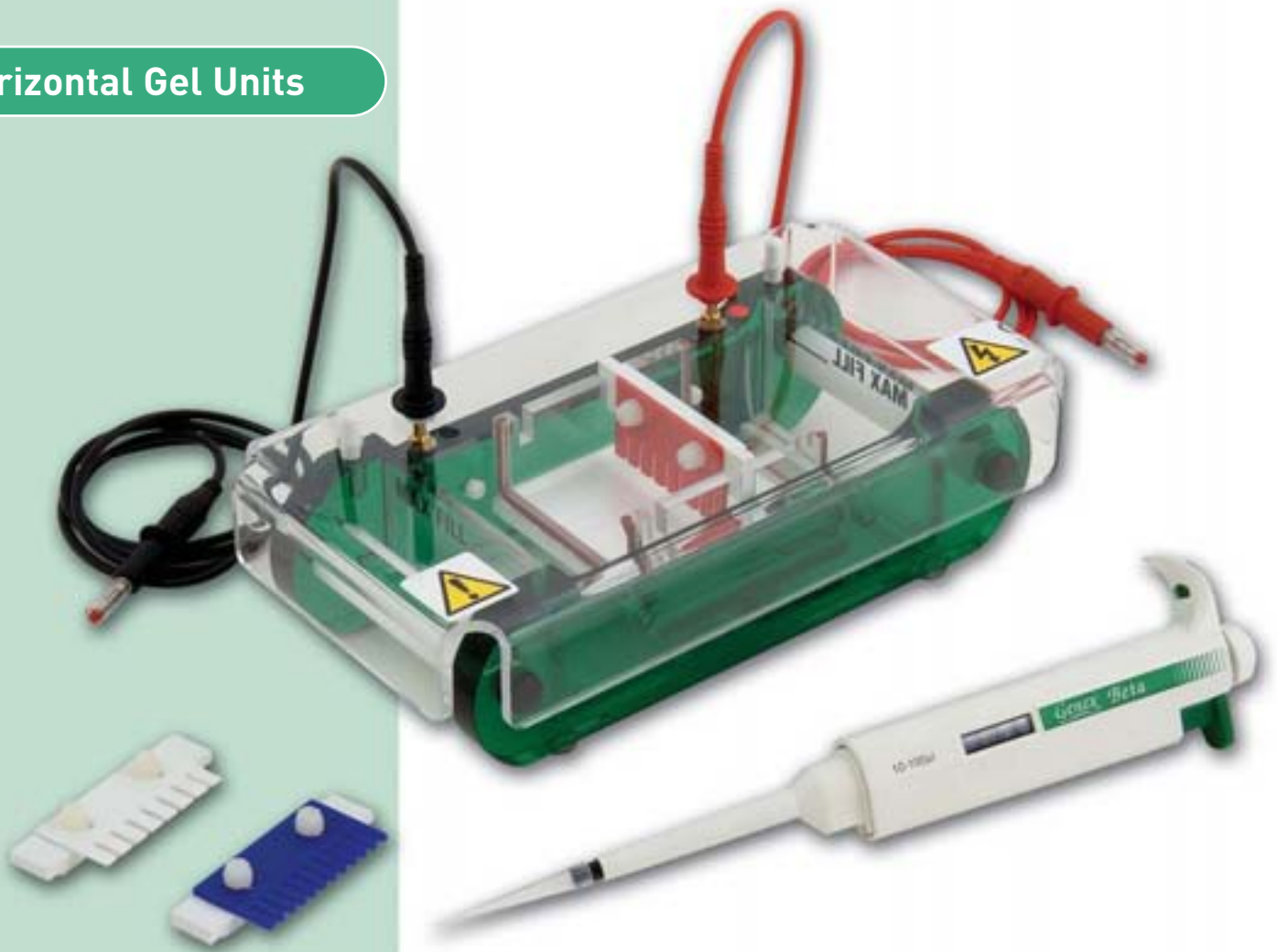


Horizontal Gel Units



BENEFITS INCLUDE

- **Four casting options** - provide total flexibility in gel casting, either directly within the tank or externally when the tank is in use
- **Combs** - colour-coded and height-adjustable - offer complete control over loading volume and well depth to a maximum 32-sample throughput
- **Coloured loading strips** - for easy well detection when loading
- **Short 6cm gel length** - ideal for rapid separations
- **Compact tank** - reduces the buffer volume required to cover the gel, providing greater control over the voltage gradient and run-time
- **UV-transparent acrylic casting tray** - allows the user to handle the gel on the transilluminator with minimum risk of exposure to hazardous ethidium bromide
- **Side handles** - for safe and easy transportation around the laboratory

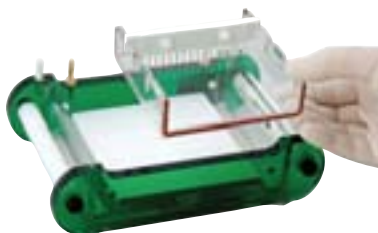
HU6 Mini Horizontal

The HU6 mini horizontal gel electrophoresis unit is ideal for routine preparatory and analytical electrophoresis techniques.

HU6 IN-TANK CASTING OPTIONS

HU6-UT - silicone gaskets, lining the HU6 casting tray, form a leak proof seal against the inner walls of the running chamber when the casting tray is turned at 90° to the direction of electrophoresis

HU6-SS - 6cm long Scie-Plas Super-Seals offer total versatility in casting, allowing the gel length to be tailored to each user's personal requirements



Replacement parts and accessories



ORDERING INFORMATION

Complete System

Mini horizontal gel unit with removable casting tray and 2 x 1mm thick, 8-sample combs and coloured loading strips

Part No.

HU6

Replacement Parts & Accessories

1 x gel casting tray 6 x 7.5cm	HU6-UT
2 x silicone casting gates	HU6-SCG
1 x silicone gasket, 1 metre	HU-SG
2 x Scie-Plas Super-Seals	HU6-SS
6 x coloured loading strips	HU6-CS
1 x external casting unit for 3 gel casting trays	HU6-CU
1 x gel scoop	HU6-GS
2 x 0.2mm thick, platinum electrode wire	PT-0.2
2 x 1 metre power leads with shrouded 4mm power output connectors	CABLE-4

HU6 Combs

Part No.	Thickness (mm)	Sample Throughput	Tooth Width (mm)	Max. Spacing (mm)	Sample Volume in a 5mm Deep Well (µl)
HU6-C1-4	1	4	10.25	3	45
HU6-C1-8	1	8	4.5	2	20
*HU6-C1-12MC	1	12	2.5	2	11
HU6-C1-16	1	16	2.2	1	10
+HU6-C1-6/12MC	1	6/12	5/2.5	4/2	22/11
HU6-C1.5-4	1.5	4	10.25	3	70
HU6-C1.5-8	1.5	8	4.5	2	30
*HU6-C1.5-12MC	1.5	12	2.5	2	17
HU6-C1.5-16	1.5	16	2.2	1	15
+HU6-C1.5-6/12MC	1.5	6/12	5/2.5	4/2	32.5/16.5
HU6-C2-4	2	4	10.25	3	90
HU6-C2-8	2	8	4.5	2	40
*HU6-C2-12MC	2	12	2.5	2	22
HU6-C2-16	2	16	2.2	1	20
+HU6-C2-6/12MC	2	6/12	5/2.5	4/2	43/21.5

*Multi-channel pipette compatible

+Reversible and multi-channel pipette compatible

TECHNICAL SPECIFICATION

Unit Dimensions (W x L x H)	13 x 24 x 6.5cm
Gel Dimensions (W x L)	6 x 7.5cm
Buffer Volume	325ml
Maximum Sample Capacity	32
Combs	2
Comb Thickness	1, 1.5 or 2mm
Comb Throughput	4 to 16 samples
Comb Slots	2
Migration Distance Between Comb Slots	3.5cm
Recommended Running Voltage	70 to 90V
Power Output Connectors (diameter)	Shrouded, 4mm
Recommended Power Supplies	Scie-Plas MPSU 125/200 Consort EV222

HU6 EXTERNAL CASTING OPTIONS

HU6-SCG - silicone casting gates slot into the grooves at each end of the casting tray to form a leak-free seal



HU6-CU - silicone gaskets, seated in the groove of each casting tray, form a leak-free seal against the walls of the casting unit, allowing 3 gels to be cast simultaneously



CASTING TIP Regardless of the casting method, ensure leak-free casting by lining the casting unit with agarose and allowing it to set before pouring the remainder of the hand-hot agarose mixture i.e. at approx. 50°C

