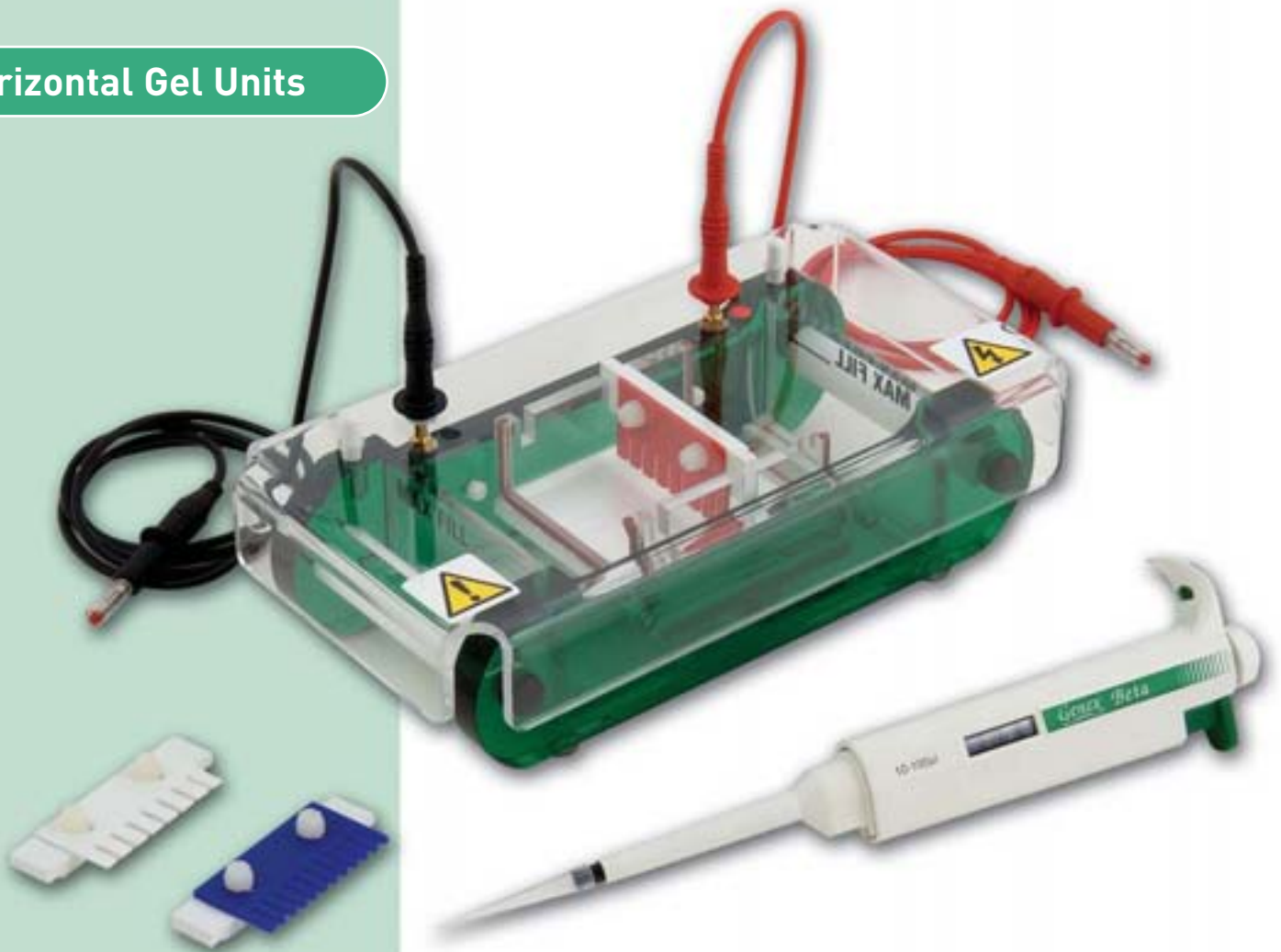


## Horizontal Gel Units



### 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

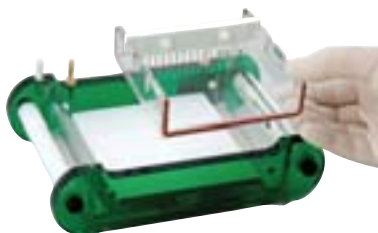
## HU6 Mini Horizontal

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

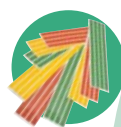
### HU6 IN-TANK CASTING OPTIONS

**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

