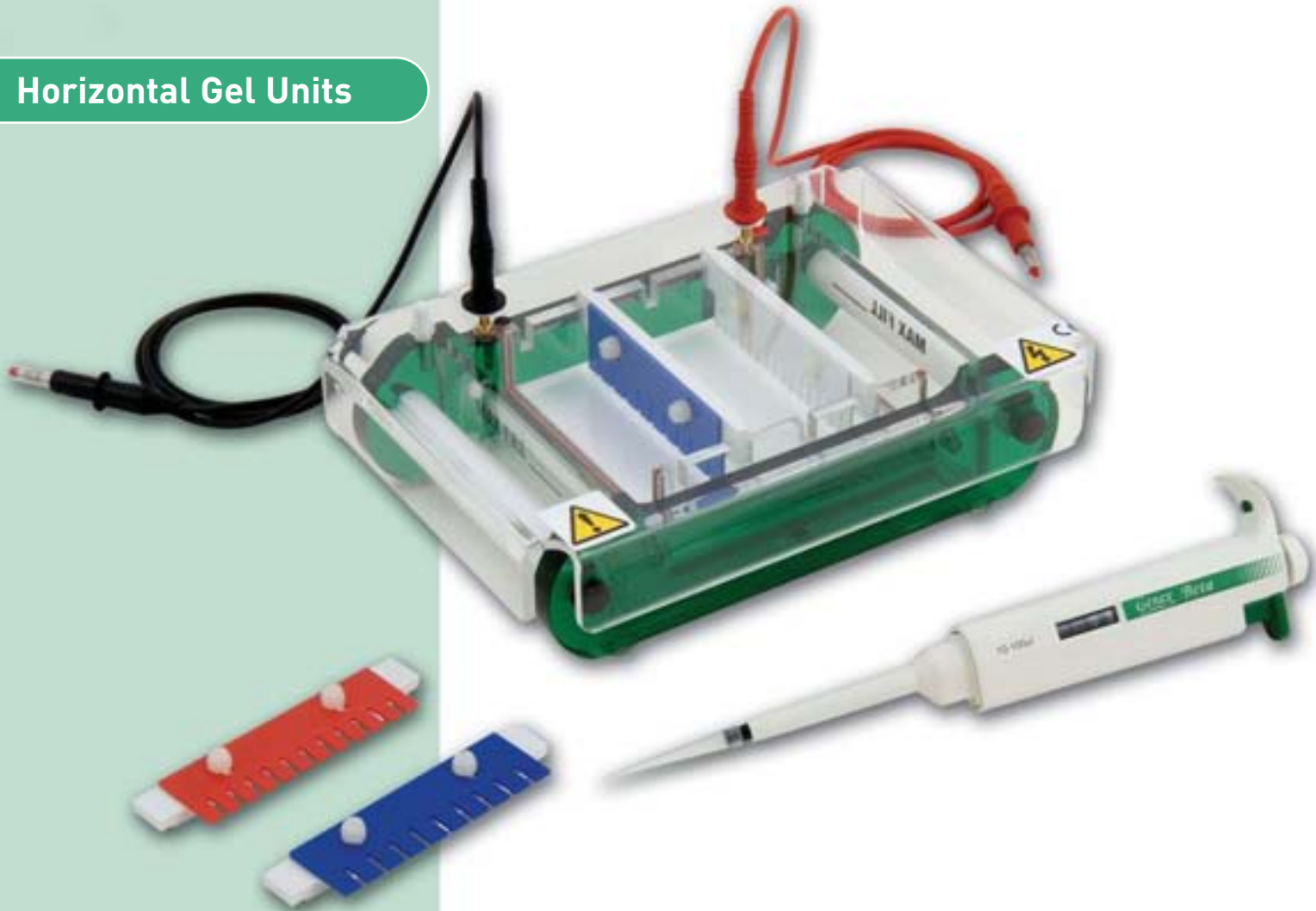


Horizontal Gel Units



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 80-sample throughput
- **Four comb positions** - at 2.5cm intervals along the tray for swift separation of multiple samples
- **Coloured loading strips** - for easy well detection when loading
- **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

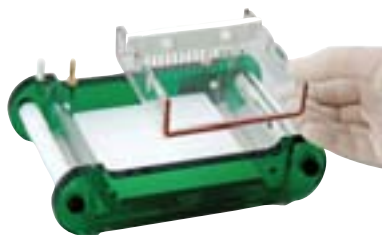
HU10 Mini-Plus Horizontal

The HU10 mini-plus horizontal gel electrophoresis unit is ideal for routine preparatory and analytical electrophoresis techniques.

IN-TANK CASTING OPTIONS

HU10-UT - silicone gaskets, lining the HU10 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

HU10-SS - 10cm 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-plus horizontal gel unit with removable casting tray and 2 x 1mm thick, 16-sample combs and coloured loading strips

Part No.

HU10

Replacement Parts & Accessories

1 x gel casting tray 10 x 11.5cm	HU10-UT
2 x silicone casting gates	HU10-SCG
1 x silicone gasket, 1 metre	HU-SG
2 x Scie-Plas Super-Seals	HU10-SS
12 x coloured loading strips	HU10-CS
1 x external casting unit for 3 gel casting trays	HU10-CU
1 x gel scoop	HU10-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

HU10 Combs

Part No.	Thickness (mm)	Sample Throughput	Tooth Width (mm)	Max. Spacing (mm)	Sample Volume in a 5mm Deep Well (µl)
HU10-C1-4	1	4	18.25	5	80
HU10-C1-8	1	8	9	2.5	40
*HU10-C1-10MC	1	10	7	2	30
HU10-C1-12	1	12	5.5	2	25
HU10-C1-16	1	16	3.6	2	15
*HU10-C1-20MC	1	20	3	1.5	12
+HU10-C1-10/20MC	1	10/20	5/2.5	4/2	22/11
HU10-C1.5-4	1.5	4	18.25	5	125
HU10-C1.5-8	1.5	8	9	2.5	60
*HU10-C1.5-10MC	1.5	10	7	2	45
HU10-C1.5-12	1.5	12	5.5	2	35
HU10-C1.5-16	1.5	16	3.6	2	25
*HU10-C1.5-20MC	1.5	20	3	1.5	20
+HU10-C1.5-10/20MC	1.5	10/20	5/2.5	4/2	32/16.5
HU10-C2-4	2	4	18.25	5	160
HU10-C2-8	2	8	9	2.5	80
*HU10-C2-10MC	2	10	7	2	60
HU10-C2-12	2	12	5.5	2	50
HU10-C2-16	2	16	3.6	2	30
*HU10-C2-20MC	2	20	3	1.5	25
+HU10-C2-10/20MC	2	10/20	5/2.5	4/2	43/21

*Multi-channel pipette compatible

+Reversible and multi-channel pipette compatible

HU10 EXTERNAL CASTING OPTIONS

HU10-SCG - silicone casting gates slot into the grooves at each end of the casting tray to form a leak-free seal



HU10-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



TECHNICAL SPECIFICATION

Unit Dimensions (W x L x H)	16.5 x 23 x 6.5cm
Gel Dimensions (W x L)	10 x 11.5cm
Buffer Volume	450ml
Maximum Sample Capacity	80
Combs	2
Comb Thickness	1, 1.5 or 2mm
Comb Throughput	4 to 20 samples
Comb Slots	4
Migration Distance Between Comb Slots	2.5cm
Recommended Running Voltage	75 to 125V
Power Output Connectors (diameter)	Shrouded, 4mm
Recommended Power Supplies	Scie-Plas MPSU-200/100 Consort EV222

DO YOU NEED...?

AGAROSE	SEE PAGE 136
A CUSTOMISED GEL TRAY	SEE PAGE 43
SUPER-SEALS™	SEE PAGE 39
A GEL LEVELING TABLE	SEE PAGE 40
UV TRANSILLUMINATORS	SEE PAGE 112



TECHNICAL TIP | Gasket too tight or loose? Simply remove the gaskets from the ends of the gel trays and refit into the groove. Refit with the gasket protruding slightly from the ends if the gel tray was too tight or with the gasket fitted below the top edges if the gasket was too loose.