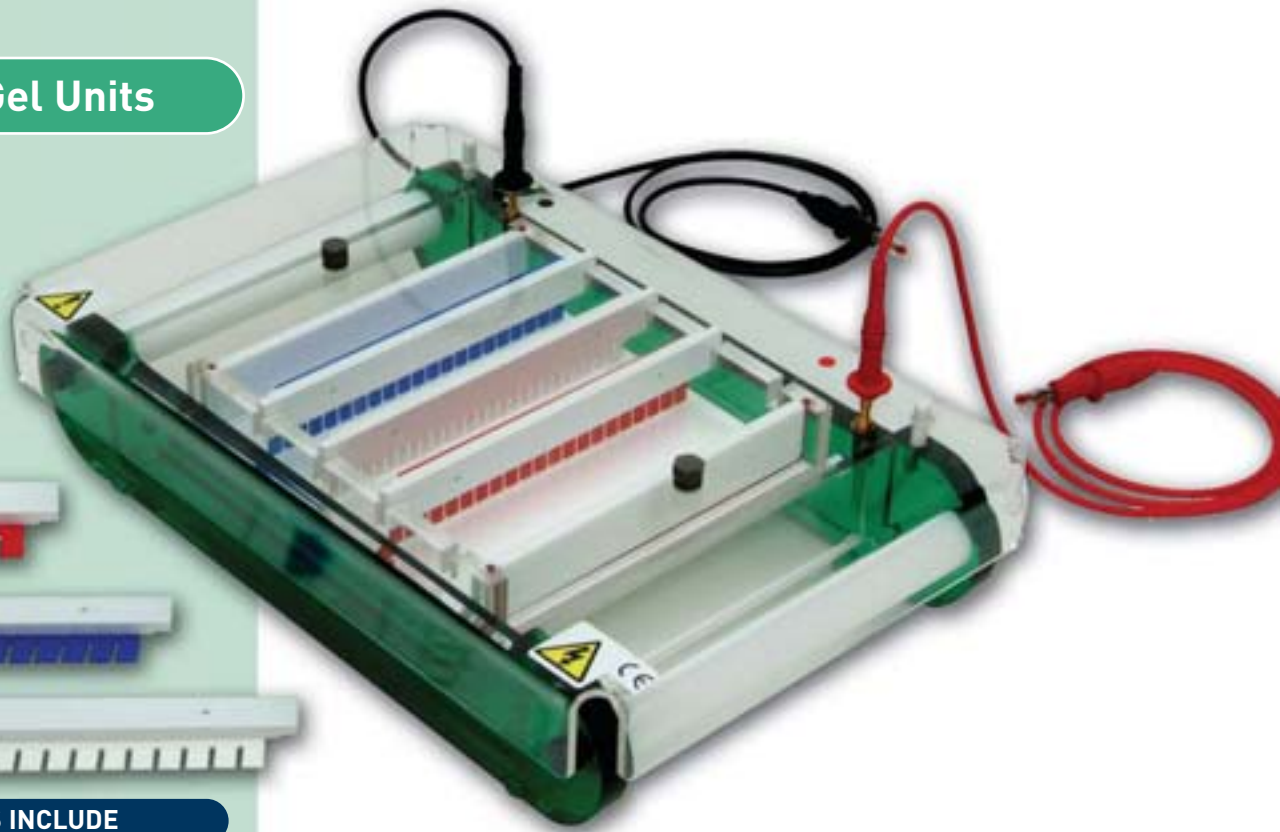
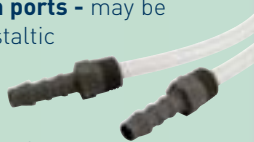


Horizontal Gel Units



BENEFITS INCLUDE

- **The market standard** - a 15 x 15cm gel tray, with comb options ranging from 1 to 30 samples, is currently the most popular format in today's market
- **Four comb slots** - at 3.5cm intervals along the tray for faster separation of a maximum 120 samples
- **Multi-channel pipette compatible combs** - with a maximum 30-sample throughput reduce gel-loading time, while preparatory combs enable nucleic acids to be scaled-up for cloning
- **Combs** - colour-coded and height-adjustable - offer complete control over loading volume and well depth
- **Buffer recirculation ports** - may be connected to a peristaltic pump for buffer recirculation during electrophoresis to maintain buffer pH and prevent ionic gradient formation
- **Coloured loading strips** - for easy well detection when loading
- **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



HU15 Standard Horizontal

The HU15 standard horizontal gel electrophoresis unit provides the comb throughput and tray-size options most popular in today's market, but with additional casting options.

HU15 CASTING OPTIONS

HU15-CG - casting gates with integral silicone seals effectively seal the tray without the need for tape, provided the silicone gasket faces outwards as shown



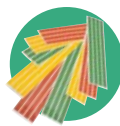
HU15-SS - 15cm long Scie-Plas Super-Seals offer total versatility in casting, allowing the gel length to be tailored to each user's personal requirements



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



Replacement parts and accessories



ORDERING INFORMATION

Complete System

Standard horizontal gel unit with removable casting tray, including casting gates with integral silicone seals, 2 x 1mm thick, 16-sample combs, coloured loading strips and buffer recirculation ports

Part No.

HU15

Replacement Parts & Accessories

1 x gel casting tray, 15 x 15cm, including casting gates with integral silicone seals

HU15-UT

2 x buffer recirculation ports

HU-BRP

2 x casting gates with integral silicone seals

HU15-CG

1 x silicone gasket, 1 metre

HU-SG

2 x Scie-Plas Super-Seals

HU15-SS

12 x coloured loading strips

HU15-CS

1 x gel scoop

HU15-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

HU15 Combs

Part No.	Thickness (mm)	Sample Throughput	Tooth Width (mm)	Max. Spacing (mm)	Sample Volume in a 5mm Deep Well (µl)
HU15-C1-1D	1	1	138	2	690
HU15-C1-2D	1	2	68	2	340
HU15-C1-4D	1	4	33	2	165
HU15-C1-10	1	10	12.8	2	64
HU15-C1-15	1	15	7	2	35
*HU15-C1-16MC	1	16	6.4	2	32
HU15-C1-20	1	20	5.9	2	29
HU15-C1-25	1	25	3.5	2	17
HU15-C1-26	1	26	3.5	2	15
*HU15-C1-30MC	1	30	2.5	2	12
HU15-C1.5-1D	1.5	1	138	2	1000
HU15-C1.5-2D	1.5	2	68	2	680
HU15-C1.5-4D	1.5	4	33	2	240
HU15-C1.5-10	1.5	10	12.8	2	96
HU15-C1.5-15	1.5	15	7	2	52
*HU15-C1.5-16MC	1.5	16	6.4	2	48
HU15-C1.5-20	1.5	20	5.9	2	43
HU15-C1.5-25	1.5	25	3.5	2	25
HU15-C1.5-26	1.5	26	3.5	2	22
*HU15-C1.5-30MC	1.5	30	2.5	2	18
HU15-C2-1D	2	1	138	2	1300
HU15-C2-2D	2	2	68	2	680
HU15-C2-4D	2	4	33	2	330
HU15-C2-10	2	10	12.8	2	128
*HU15-C2-15	2	15	7	2	70
HU15-C2-16MC	2	16	6.4	2	64
HU15-C2-20	2	20	5.9	2	58
HU15-C2-25	2	25	3.5	2	34
HU15-C2-26	2	26	3.5	2	30
*HU15-C2-30MC	2	30	2.5	2	24

*Multi-channel pipette compatible

D - preparatory combs

TECHNICAL SPECIFICATION

Unit Dimensions (W x L x H)	21.5 x 33.5 x 7cm
Gel Size (W x L)	15 x 15cm
Buffer Volume	1200ml
Buffer Recirculation Ports	2
Maximum Sample Capacity	120
Combs	2
Comb Thickness	1, 1.5 or 2mm
Comb Throughput	1 to 30 samples
Comb Slots	4
Migration Distance Between Comb Slots	3.5cm
Recommended Running Voltage	100 to 125V
Power Output Connectors (diameter)	Shrouded, 4mm
Recommended Power Supplies	Consort EV222 EV243



SERVA CHEMICALS
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