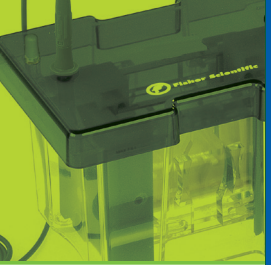

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Horizontal Gel Units

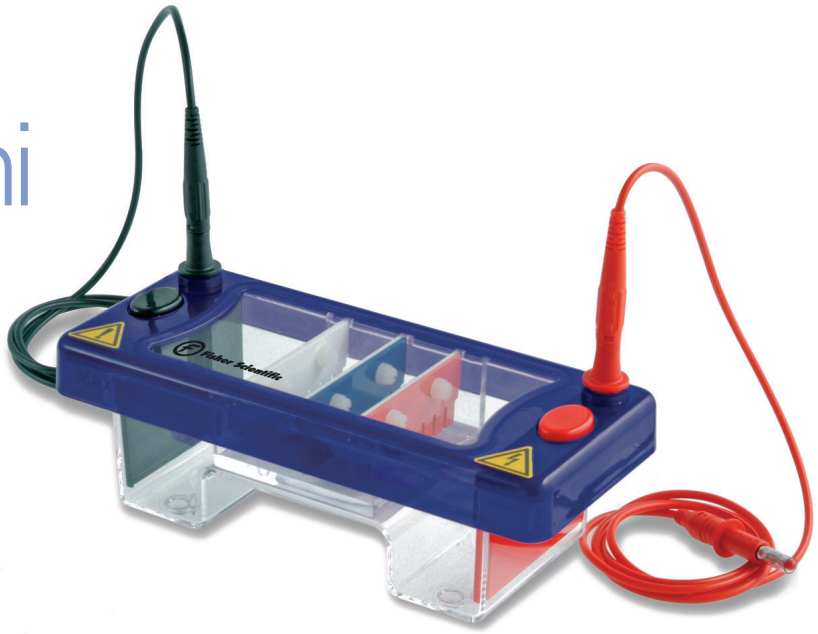
SUB-GEL Mini, Midi, Midi-Plus and Maxi units

SUB-GEL Mini

Typical Applications:

Designed for quick checks of low to medium numbers of samples

- Supplied with 70mm x 70mm and 100mm x 70mm gel trays
- Economic low gel and buffer volumes
- Small footprint
- Injection moulded gel tanks

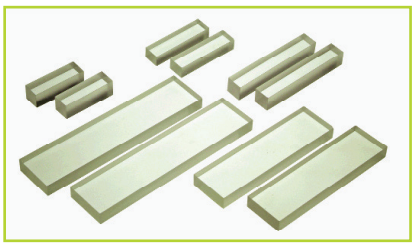


Technical Specification

Dimensions [l x w], mm ..... 70 x 70, 100 x 70 (gel)
Dimensions [l x w x h], mm ..... 210 x 90 x 90 (unit)
Capacity ..... 32 samples (max., 70mm x 70mm tray)
..... 64 samples (max., 70mm x 100mm tray)
Volume, mL ..... 225 (buffer)
Combs
- No. of samples 1, 2, 4, 8MC, 8, 10, 12MC, 16
- Thickness, mm 0.75, 1, 1.5, 2

MC = Multichannel pipettor compatible

Cat. No	Description
11863303	SUB-GEL Mini, 70mm x 70mm and 100mm x 70mm UV trays, 2 x 8 well sample combs (1mm), loading guides and dams



Buffer saver blocks physically reduce the volume of a gel chamber and so reduce buffer requirements, saving cost.

Combs and Accessories

	Thickness 0.75mm		Thickness 1.0mm		Thickness 1.5mm		Thickness 2.0mm	
Combs	**Cat. No**	**Sample volume, µL, for a 5mm thick gel**	**Cat. No**	**Sample volume, µL, for a 5mm thick gel**	**Cat. No**	**Sample volume, µL, for a 5mm thick gel**	**Cat. No**	**Sample volume, µL, for a 5mm thick gel**
Prep 1, Marker 1	**11873473**	152	**11823483**	203	**11833483**	304	**11843483**	405
Prep 2, Marker 2	**11833493**	68	**11843493**	90	**11857553**	135	**11867553**	180
Prep 4, Marker 2	**11877553**	36	**11887553**	48	**11897553**	72	**11807563**	96
8 sample, MC	**11857563**	8	**11867563**	11	**11877563**	17	**11887563**	23
8 sample	**11817563**	19	**11827563**	25	**11837563**	37	**11847563**	50
10 sample	**11883473**	14	**11893473**	18	**11803483**	27	**11813483**	36
12 sample, MC	**11853483**	10	**11863483**	14	**11873483**	20	**11883483**	27
16 sample	**11893483**	7	**11803493**	10	**11813493**	15	**11823493**	20

Cat. No	Description
Accessories	
11847573	UV tray 70mm x 70mm
11837573	UV tray 100mm x 70mm
11837633	Casting dams
11863473	SUB-GEL Mini/Midi Flexi caster
11897563	Adhesive loading guides
11867573	Viewing platform
11807583	Cool-pack and platform
11877633	Buffer saver blocks (x 2)
11857573	UV gel scoop, 70mm

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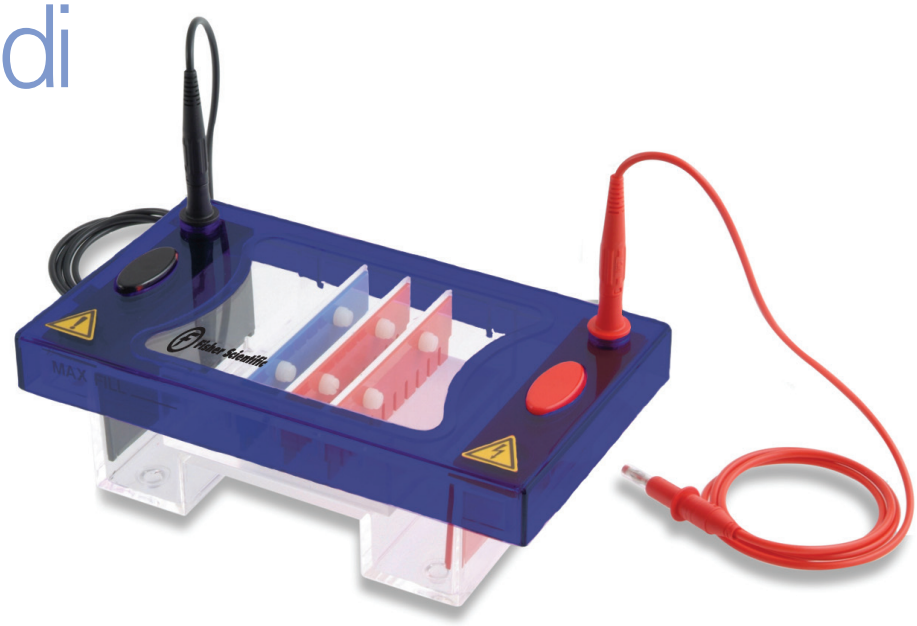
SUB-GEL Midi

Typical Applications:

Ideal for quick checks of samples from PCR and cloning

- Supplied with 70mm x 100mm and 100mm x 100mm gel trays
- Run up to 100 samples
- Low buffer volumes
- Ideal for rapid electrophoresis
- Scoops for safe transfer of gels
- Loading guides allow easy well identification and sample loading



Technical Specification

Dimensions [l x w], mm ..... 70 x 100, 100 x 100 (gel)
Dimensions [l x w x h], mm ..... 220 x 125 x 90 (unit)
Capacity ..... 50 samples (100mm x 70mm tray, max.)
..... 100 samples (100mm x 100mm tray, max.)
Volume, mL ..... 300 (buffer)
Combs
- No. of samples 1, 2, 4, 8, 10MC, 12, 16, 20MC, 25
- Thickness, mm 0.75, 1, 1.5, 2

MC = Multichannel pipettor compatible

Cat. No	Description
11853303	SUB-GEL Midi, 70mm x 100mm and 100mm x 100mm UV trays, 2 x 16 well sample combs (1mm), loading guides and dams

Loading guides allow easy well identification and sample loading

Scoops for safe transfer of gels

Combs and Accessories

	Thickness 0.75mm		Thickness 1.0mm		Thickness 1.5mm		Thickness 2.0mm	
Combs	Cat. No	Sample volume, µL, for a 5mm thick gel	Cat. No	Sample volume, µL, for a 5mm thick gel	Cat. No	Sample volume, µL, for a 5mm thick gel	Cat. No	Sample volume, µL, for a 5mm thick gel
Prep 1, Marker 1	**11883303**	270	**11833313**	360	**11843313**	540	**11853313**	720
Prep 2, Marker 2	**11843323**	118	**11893323**	158	**11803333**	236	**11813333**	315
Prep 4, Marker 2	**11863333**	57	**11873333**	77	**11883333**	115	**11893333**	153
8 sample	**11803343**	30	**11813343**	41	**11823343**	61	**11813353**	81
10 sample MC	**11893303**	20	**11803313**	27	**11813313**	41	**11823313**	54
12 sample	**11863313**	17	**11873313**	23	**11883313**	34	**11893313**	45
16 sample	**11803323**	12	**11813323**	16	**11823323**	24	**11833323**	32
20 sample MC	**11853323**	10	**11863323**	14	**11873323**	20	**11883323**	27
25 sample	**11823333**	7	**11833333**	10	**11843333**	15	**11853333**	20

Cat. No	Description
Accessories	
11873353	UV tray 70mm x 100mm
11863353	UV tray 100mm x 100mm
11807633	Casting dams
11863473	SUB-GEL Mini/Midi Flexi caster
11823353	Adhesive loading guides
11803363	Viewing platform
11897573	Cool-pack and platform
11867633	Buffer saver blocks (x 2)
11893353	UV gel scoop, 100mm

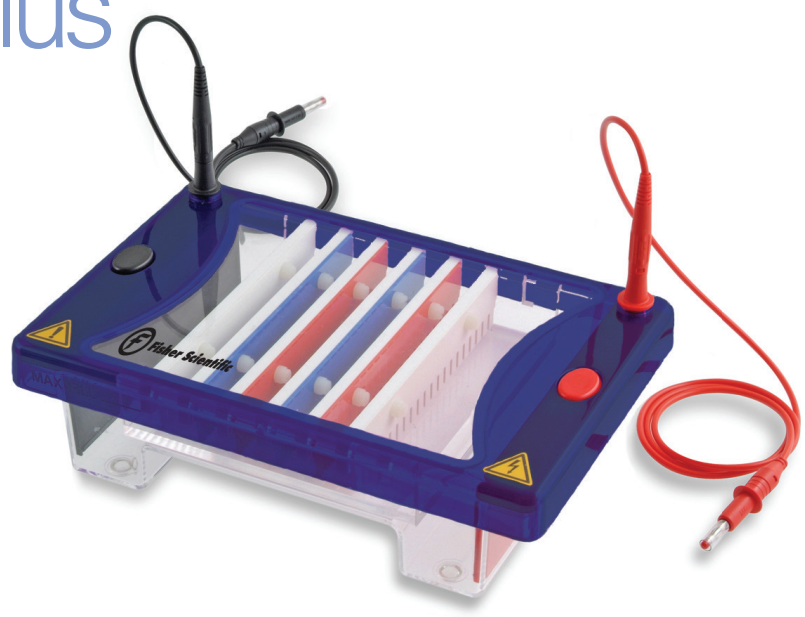
*Polymerase Chain Reaction (PCR) is a process covered by patents owned by Hoffmann-La Roche

SUB-Gel Midi-Plus

Typical Applications:

Ideal for restriction fragment analysis, sample prep or checking high numbers of samples.

- Supplied with 70mm x 150mm and 100mm x 150mm and 150mm x 150mm gel trays
- Run up to 210 samples
- Low buffer volumes
- Multichannel pipettor compatible combs for fast gel loading
- Injection moulded

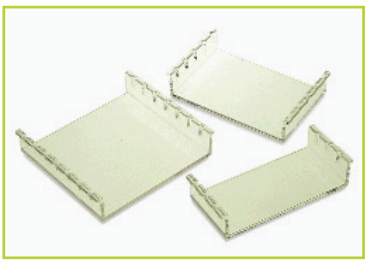


Technical Specification

Dimensions [l x w], mm ..... 70 x 150, 100 x 150, 150 x 150 (gel)
Dimensions [l x w x h], mm .....265 x 175 x 90 (unit)
Capacity ..... 70 samples, max. (70mm x 150mm tray)
..... 140 samples, max. (100mm x 150mm tray)
..... 210 samples, max. (150mm x 150mm tray)
Volume, mL .....500 (buffer)
Combs
- No. of samples 1, 2, 4, 10, 10MC, 12, 14MC, 16, 18MC, 20, 28MC, 30MC, 35
- Thickness, mm 0.75, 1, 1.5, 2

MC = Multichannel pipettor compatible

Cat. No	Description
11833293	SUB-GEL Midi-Plus, 70mm x 150mm, 100mm x 150mm and 150mm x 150mm UV trays, 2 x 20 well sample combs (1mm), loading guides and dams



Gel trays

Combs and Accessories

	Thickness 0.75mm		Thickness 1.0mm		Thickness 1.5mm		Thickness 2.0mm	
Combs	**Cat. No**	**Sample volume, µL, for a 5mm thick gel**	**Cat. No**	**Sample volume, µL, for a 5mm thick gel**	**Cat. No**	**Sample volume, µL, for a 5mm thick gel**	**Cat. No**	**Sample volume, µL, for a 5mm thick gel**
Prep 1, Marker 1	**11823363**	371	**11813373**	495	**11823373**	743	**11833373**	990
Prep 2, Marker 2	**11803393**	169	**11853393**	225	**11863393**	338	**11873393**	450
Prep 4, Marker 2	**11803413**	91	**11813413**	122	**11823413**	182	**11833413**	243
10 sample	**11833363**	34	**11843363**	45	**11853363**	68	**11863363**	90
10 sample, MC	**11873363**	22	**11883363**	29	**11893363**	44	**11803373**	59
12 sample	**11843373**	30	**11853373**	41	**11863373**	61	**11873373**	81
14 sample, MC	**11883373**	22	**11893373**	29	**11803383**	44	**11813383**	59
16 sample, MC	**11823383**	20	**11833383**	27	**11843383**	41	**11853383**	54
18 sample, MC	**11863383**	8	**11873383**	11	**11883383**	17	**11893383**	23
20 sample	**11813393**	16	**11823393**	21	**11833393**	32	**11843393**	43
28 sample, MC	**11883393**	8	**11893393**	11	**11803403**	17	**11813403**	23
30 sample, MC	**11823403**	9	**11833403**	13	**11843403**	19	**11853403**	25
35 sample	**11863403**	7	**11873403**	10	**11883403**	15	**11893403**	20

Cat. No	Description
Accessories	
11803423	UV tray 70mm x 150mm
11883413	UV tray 100mm x 150mm
11893413	UV tray 150mm x 150mm
11817633	Casting dams
11813363	SUB-GEL Midi-Plus/Maxi Flexi caster
11823423	Adhesive loading guides
11843413	Viewing platform
11877573	Cool-pack and platform
11847633	Buffer saver blocks (x 2)
11813423	UV gel scoop, 150mm

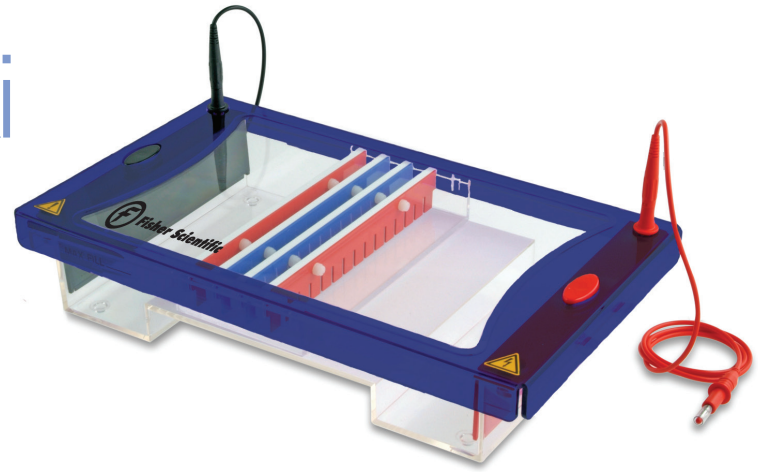
SUB-GEL Maxi

Typical Applications:

Primarily designed for separating high numbers of samples from PCR* or cloning

- Supplied with 200mm x 100mm and 200mm x 200mm gel trays. 200mm x 250mm is also available
- Run up to 550 samples
- Low buffer volumes
- Ideal for extended separations
- Injection moulded

Cat. No	Description
11843303	SUB-GEL Maxi, 200mm x 100mm and 200mm x 200mm UV trays, 2 x 20 well sample combs (1mm), loading guides and dams



Technical Specification

Dimensions [l x w], mm ..... 200 x 100, 200 x 200 (gel)
Dimensions [l x w x h], mm ..... 395 x 230 x 90 (unit)
Capacity ..... 200 samples, max. (200mm x 100mm tray)
..... 450 samples, max. (200mm x 200mm tray)
..... 550 samples, max. (200mm x 250mm tray)
Volume, mL ..... 1,200 (buffer)
Combs
- No. of samples 1, 2, 4, 10, 16, 20MC, 25, 30, 36, 40MC, 50
- Thickness, mm 0.75, 1, 1.5, 2

MC = Multichannel pipettor compatible

Combs and Accessories

	Thickness 0.75mm		Thickness 1.0mm		Thickness 1.5mm		Thickness 2.0mm	
Combs	**Cat. No**	**Sample volume, µL, for a 5mm thick gel**	**Cat. No**	**Sample volume, µL, for a 5mm thick gel**	**Cat. No**	**Sample volume, µL, for a 5mm thick gel**	**Cat. No**	**Sample volume, µL, for a 5mm thick gel**
Prep 1, Marker 1	**11833423**	508	**11883423**	675	**11893423**	1,013	**11803433**	1,350
Prep 2, Marker 2	**11853433**	236	**11803443**	315	**11813443**	473	**11823443**	630
Prep 4, Marker 2	**11853453**	115	**11803463**	153	**11813463**	230	**11823463**	306
10 sample	**11843423**	54	**11853423**	72	**11863423**	108	**11873423**	144
16 sample	**11813433**	30	**11823433**	41	**11833433**	61	**11843433**	81
20 sample, MC	**11863433**	20	**11873433**	27	**11883433**	41	**11893433**	54
25 sample	**11833443**	16	**11843443**	21	**11853443**	32	**11863443**	42
30 sample	**11873443**	13	**11883443**	17	**11893443**	26	**11803453**	34
36 sample	**11813453**	11	**11823453**	14	**11833453**	22	**11843453**	29
40 sample, MC	**11863453**	8	**11873453**	11	**11883453**	17	**11893453**	23
50 sample	**11833463**	8	**11843463**	10	**11853463**	16	**11863463**	21

Cat. No	Description
Accessories	
11813473	UV tray 200mm x 100mm
11823473	UV tray 200mm x 200mm
11833473	UV tray 200mm x 250mm
11827633	Casting dams
11813363	SUB-GEL Midi-Plus/Maxi Flexi caster
11873463	Adhesive loading guides
11853473	Viewing platform
11887573	Cool-pack and platform
11857633	Buffer saver blocks (x 2)
11843473	UV gel scoop, 200mm

*Polymerase Chain Reaction (PCR) is a process covered by patents owned by Hoffmann-La Roche

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