

Minigel Family

Polyacrylamide Gel Electrophoresis

- Leak-free sealing system (profiled silicone rubber seal)
- Fixed glass spacers
- Easy handling
- High sample resolution
- Short running times

Minigel-Twin

- Gel dimensions: 8.6 cm x 7.7 cm (W x L)
- Double-gel system

During electrophoresis the inner glass plate is in tight contact with the upper buffer reservoir for efficient heat removal and smile-free runs.

Twin-gel system with optimised design that allows separation of up to 56 samples in one run.

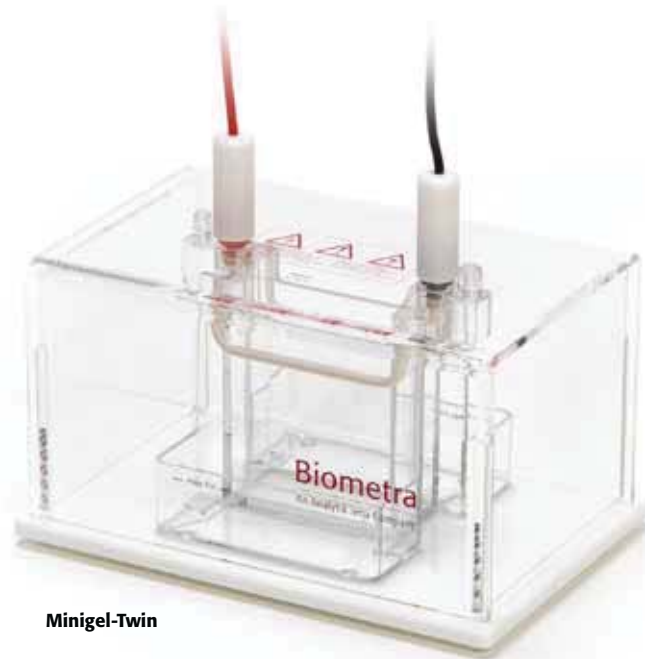
One or two gel operation is possible.

Pre-cast gels

8 cm x 10 cm or 10 x 10 cm PAGE gels from most suppliers fit in Minigel-Twin.

Gel Casting Stand

The Gel Casting Stand is a useful accessory for Minigel-Twin that allows the casting of up to 5 single gels. The special design of the housing allows easy tilting to bring the gel sandwiches to an angle of 45° for the pouring process. This allows the gel solution to run slowly along one side of the plate sandwich to avoid air bubbles. After pouring the gels the casting stand has to be turned back to bring the gel sandwiches into vertical position for polymerisation.



Minigel-Twin

Minigel Glass Plate Stand

In the Minigel Glass Plate Stand up to 6 separate glass plates or sets of glass plates for Minigel-Twin can be stored. Additionally the Glass Plate Stand is the system of choice for drying of glass plates after cleaning. This stand is not designed for gel casting.



Rotary Table

The Rotary Table for Twin-chambers allows easy sample loading by turning the whole chamber. The table fits to Minigel-Twin, Mini-V8.10, Eco-Mini family, Multigel and Multigel-Long.



Minigel Family

Polyacrylamide Gel Electrophoresis

Multigel

- Gel dimensions:
11 cm x 7 cm (W x L)
- Double-gel system
- Cooling option

The double-gel design permits rapid separation of up to 24 samples per gel (48 samples total). One or two gel operation is possible. Thanks to the built-in water cooling option the Multigel is also suited for native gels.

Multigel-Long

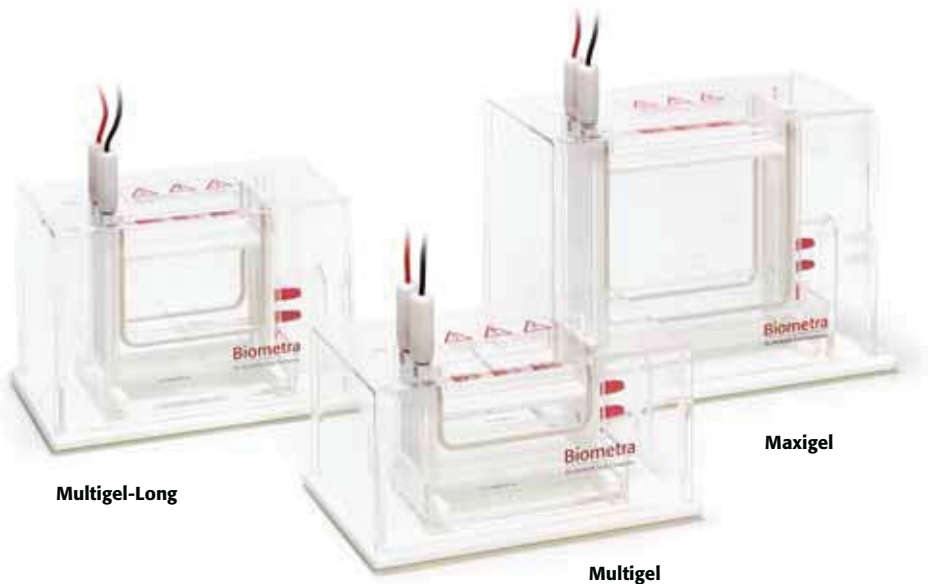
- Gel dimensions:
11 cm x 12 cm (W x L)
- Double-gel system
- Cooling option

The double-gel design permits rapid separation of up to 24 samples per gel (48 samples total). One or two gel operation is possible. The built-in water cooling option allows temperature controlled runs preventing smearing effects at higher currents. The longer separation distance in combination with the effective cooling systems is ideally suited for SSCP analysis.

Both Multigel and Multigel-Long offer microtiter plate compatible/multichannel pipet compatible combs.

Universal Glass Plate Stand

This stand with levelling feet can be used in combination with any gel size of Biometra slabgels. For gel casting up to 4 glass plate sandwiches that have been fixed with clips can be placed in the stand.



Maxigel

- Gel dimensions:
17 cm x 18 cm (W x L)
- Double-gel system
- Cooling option included

The Maxigel double-gel design features back-to-back vertical gels, each separating up to 45 samples (90 samples total). One or two gel operation is possible. The built-in water cooling option and long running distance are perfect to achieve excellent separation

and high resolution. The Maxigel is used for large sample volumes, e.g. if prior concentration of the sample is not possible. Applications include separation of specific proteins from complex mixtures (antibody production, enzyme kinetics or toxicology studies) and native or SDS-PAGE gels.

The Maxigel is the system of choice where long running distance, high resolution or larger sample volumes are an issue.



Minigel Family

Order Information

Item











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







Minigel Systems

Minigel-Twin , complete system with 2 sets of glass plates with fixed 1 mm spacers, 2 silicone rubber seals, 2 combs (10 wells) and 1 set of clips (6 pcs)	010-100
Minigel-Twin , dto., but with fixed 0.6 mm spacers	010-140
Minigel-Twin , buffer chamber and safety lid; without accessories	010-130

Accessories





Glass plate with fixed spacers, 1.0 mm	010-001
Glass plate with fixed spacers, 0.6 mm	010-002
Notched glass plate with straight edge	010-003
Notched glass plate with inclined edge	010-004
Silicone rubber seal, 1.0 mm (2 pcs)	010-055
Silicone rubber seal, 0.6 mm (2 pcs)	010-056
Grey seal to be attached to the main chamber (4 pcs)	010-058
Clips (6 pcs)	010-057

Combs, 1.0 mm thick		(max. volume/well)	
5 wells		(70 µl)	010-010
10 wells		(25 µl)	010-011
10 wells, for big volumes and high protein concentrations		(60 µl)	010-023
16 wells		(20 µl)	014-017
20 wells		(15 µl)	010-012
28 wells		(8 µl)	014-019
preparative, without marker lane		(400 µl)	010-008
preparative, without marker lane		(450 µl)	014-023
preparative, with marker lane		(30 µl and 380 µl)	010-022
preparative, with 2 marker lanes		(2 x 25 µl and 350 µl)	010-009

Combs, 0.6 mm thick		(max. volume/well)	
5 wells		(40 µl)	010-015
10 wells		(15 µl)	010-016
10 wells, for big volumes and high protein concentrations		(35 µl)	010-024
16 wells		(10 µl)	014-018
20 wells		(9 µl)	010-020
preparative, without marker lane		(240 µl)	010-013
preparative, with 1 marker lane		(18 µl and 230 µl)	010-021
preparative, with 2 marker lanes		(2 x 15 µl and 210 µl)	010-014

Minigel Family

Order Information

Item	Order No.	
Further Accessories		
Minigel Glass Plate Stand (for Minigel-Twin)	010-018	
Gel Casting Stand for up to 5 mini-gels	010-032	
Rotary Table for twin-chambers (Minigel-Twin, Mini-V8-10, Eco-Mini family, Multigel and Multigel-Long)	010-019	
Multigel Systems		
Multigel , complete system with 2 sets of glass plates with fixed 1 mm spacers, 2 silicone rubber seals, 2 combs (24 wells) and 2 sets of clips (12 pcs)	010-200	
Multigel , dto., but with fixed 0.6 mm spacers	010-220	
Multigel , buffer chamber and safety lid; without accessories	010-230	
Accessories		
Notched glass plate with straight edge	010-201	
Glass plate with fixed spacers, 1.0 mm	010-202	
Glass plate with fixed spacers, 0.6 mm	010-221	
Silicone rubber seal, 1.0 mm (2 pcs)	010-255	
Silicone rubber seal, 0.6 mm (2 pcs)	010-256	
Short grey seal to be attached to the main chamber (4 pcs)	010-258	
Long grey seal to be attached to the main chamber (4 pcs)	010-259	
Clips (6 pcs)	010-057	
Multigel-Long , complete system with 2 sets of glass plates with fixed 1 mm spacers, 2 silicone rubber seals, 2 combs (24 wells) and 2 sets of clips (12 pcs)		
Multigel-Long , dto., but with fixed 0.6 mm spacers	010-320	
Multigel-Long , buffer chamber and safety lid; without accessories	010-330	
Accessories		
Notched glass plate with straight edge	010-301	
Glass plate with fixed spacers, 1.0 mm	010-302	
Glass plate with fixed spacers, 0.6 mm	010-321	
Silicone rubber seal, 1.0 mm (2 pcs)	010-355	
Silicone rubber seal, 0.6 mm (2 pcs)	010-356	
Short grey seal to be attached to the main chamber (4 pcs)	010-258	
Long grey seal to be attached to the main chamber (4 pcs)	010-359	
Clips (6 pcs)	010-057	
Combs for Multigel and Multigel-Long		
Combs, 1.0 mm thick	(max. volume/well)	
11 wells	 (50 µl)	010-207
12 wells, multichannel pipet compatible	 (45 µl)	010-203
24 wells	 (18 µl)	010-204
preparative, with 2 marker lanes	 (2 x 40 µl and 500 µl)	010-208



Item		(max. volume/well)	Order No.
Combs, 0.6 mm thick			
24 wells		(14 µl)	010-222

Further Accessories

Rotary Table for twin-chambers (Minigel-Twin, Mini-V8-10, Eco-Mini family, Multigel and Multigel-Long)	010-019
Universal Glass Plate Stand with levelling feet, 4 positions for any gel size	010-029






Maxigel Systems

Maxigel , complete system with 2 sets of glass plates with fixed 1 mm spacers, 2 silicone rubber seals, 2 combs (12 wells), 3 sets of clips (12 pcs) and 1 set of Maxi-Clips (4 pcs)	010-400
Maxigel , dto., but with fixed 2 mm spacers	010-430
Maxigel , buffer chamber and safety lid; without accessories	010-440

Accessories

Notched glass plate with straight edge	010-401
Glass plate with fixed 1 mm spacers	010-402
Glass plate with fixed 2 mm spacers	010-403
Clips (6 pcs)	010-057
Maxi-clips (4 pcs)	010-416
Silicone rubber seal, 1.0 mm (2 pcs)	010-455
Silicone rubber seal, 2.0 mm (2 pcs)	010-457
Long grey seal to be attached to the main chamber (4 pcs)	010-459
Short grey seal to be attached to the main chamber (4 pcs)	010-458

Combs, 1.0 mm thick		(max. volume/well)	
12 wells		(140 µl)	010-404
18 wells		(90 µl)	010-405
24 wells		(50 µl)	010-406
25 wells		(40 µl)	014-020
preparative, without marker lane		(1,800 µl)	014-022
preparative, with 2 marker lanes		(2x 50 µl and 1,600 µl)	010-407

Combs, 2.0 mm thick		(max. volume/well)	
12 wells		(280 µl)	010-408
18 wells		(180 µl)	010-409
24 wells		(100 µl)	010-410
45 wells		(50 µl)	014-021
preparative, with 2 marker lanes		(2x 100 µl and 3,200 µl)	010-411

Further Accessories

Universal Glass Plate Stand with levelling feet, 4 positions for any gel size	010-029
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