

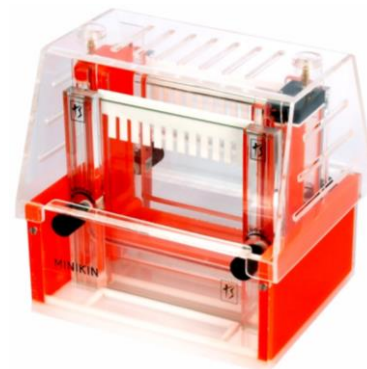
MINIKIN

Standard gel size: 10 (w) x 12 (l) cm

Allows variation of gel size in length, width and thickness

- ✓ **Dual sided**
- ✓ **Runs one/ two/ three/ four gels at a time**
- ✓ **In-situ gel casting/ Casting stand**
- ✓ **Designed for effective gel cooling**
- ✓ **No sample loss due to uni-directional migration**

- ✓ **Gel thickness: 1/ 1.5 mm**
- ✓ **Wells per gel: 12/ 16**
- ✓ **Buffer requirement: 1000 mL**
- ✓ **10% SDS-PAGE run in 1 hr 10 min**



Minikin

Features of this apparatus

Leak Proof

- Gaskets made of silicone are tough & resilient
- Leaks from plastic joints are prevented as sticking is done with specially manufactured glues
- Leak proof patent pending gel casting stand

Rugged

- Breakage proof Teflon combs, & fibre-glass notched plate
- Electrodes do not break as they are thick & purity > than 99.9%
- No corrosion due to resin filled male connectors

High Resolution

- Sharper bands because of thin glass plates & deep tank
- Good cooling as entire gel-sandwich is in contact with the buffer
- Low positioned electrodes stir buffer to cool gel

Error Minimization

- Migration of samples in wrong direction prevented due to unidirectional feature
- Wells formed straight as combs sit levelled with the spacers
- Run up to two gels at a time in the same system

Ready-to-use system includes

1. Lower anodic tank
2. Central electrode unit fitted with electrodes and gold plated male connectors
3. Two resilient silicone gaskets with inserts for central electrode unit
4. Two notched and two rectangular glass plate (square bottom)
5. Two notched and two rectangular glass plate (rounded bottom)
6. Four 1.5 mm thick, breakage resistant, slotted spacers
7. Four 1.5 mm thick, breakage resistant, rounded spacers
8. Two PTFE comb (1.5 mm thick, 12 wells, est. vol. 112 µL/well)
9. Four clamps with screws and a clamp opener
10. Gel-casting stand for variable gel thickness and number
11. C shaped rubber gasket for single gel of 1.5 mm
12. Agarose dispenser for filling slot in spacers
13. Gel-sandwich opener
14. Glass plate stand
15. Vented lid for safety
16. Electrical cords with male & female connectors
17. Two buffer savers
18. Instruction manual

	01-00000	01-00001
<i>In situ casting/</i>		Casting stand/
Uni-directional migration	Y	Uni-directional migration
	Y	Y
	Y	Y
	Y	Y
	Y	Y
	Y	Y
	Y	Y
	Y	Y
	Y	Y
	Y	Y
	Y	Y
	Y	Y
	Y	Y
	Y	Y
	Y	Y
	Y	Y
	Y	Y

Ordering description

Minikin (01-00000): Vertical electrophoresis dual sided system of gel size 10 (w) x 12 (l) cm, with gold-plated male connectors, in situ gel casting, slotted spacers, uni-directional migration and capable of accepting four gels.

Minikin with casting stand (01-00001): Vertical electrophoresis dual sided system of gel size 10 (w) x 12 (l) cm, with gold-plated male connectors, casting stand with 'C' shaped gasket for agarose free gel casting, rounded spacers, uni-directional migration and capable of accepting four gels.

SUGGESTION

Order along with ready-to-use system

A set of notched fibreglass plates, rectangular glass plates and gel detacher (01-29121), Comb with 16 wells (01-14161/2), Acrylic dam (01-27144)

Minikin and its spares and accessories

Item Description	Cat. No.	Unit
Minikin, ready-to-use system for uni-directional migration	01-00000	System
Minikin, ready-to-use system for uni-directional migration with casting stand	01-00001	System
Clamps 13 (l) cm with screws (2 No.)	01-05130	Set
Clamps 13 (l) cm with screws for gel partitioning spacers (2 No.)	01-05131	Set
Screws for clamps (6 No.)	01-06209	Packet
Clamp opener	01-07152	Piece
Resilient silicone gaskets with inserts for central electrode unit (2 No.)	01-09354	Piece
Comb 1 mm thick, PTFE, 12 wells, 15 mm deep, est. vol. 75 µL/well	01-14121	Piece
Comb 1.5 mm thick, PTFE, 12 wells, 15 mm deep, est. vol. 112 µL/well	01-14122	Piece
Comb 1 mm thick, PTFE, 16 wells, 15 mm deep, est. vol. 45 µL/well	01-14161	Set
Comb 1.5 mm thick, PTFE, 16 wells, 15 mm deep, est. vol. 66 µL/well	01-14162	Piece
Spacers, slotted, 1 mm thick, breakage resistant (two pairs)	01-17131	Set
Spacers, slotted, 1.5 mm thick, breakage resistant (two pairs)	01-17132	Set
Spacers, preparative, slotted, 3 mm thick, 13 (l) cm	01-17134	Piece
Spacers, gel partitioning, 1 mm thick, 12 (l) cm (2 No.)	01-18131	Set
Spacers, gel partitioning, 1.5 mm thick, 12 (l) cm (2 No.)	01-18132	Set
Spacers, plain with one edge rounded, 1 mm thick, (two pairs) length 13 cm	01-18133	Set
Spacers, plain with one edge rounded, 1.5 mm thick, (two pairs) length 13 cm	01-18134	Set
Notched and rectangular glass plates, 14 (w) x 13 (l) cm (two of each)	01-28122	Set
Notched and rectangular glass plates, 14 (w) x 13 (l) cm (two of each) rounded bottom edges for use with rounded spacers	01-28123	Set
Rectangular glass plates, 14 (w) x 13 (l) cm (four)	01-28132	Set
Rectangular glass plates, 14 (w) x 13 (l) cm (four) rounded bottom edges for use with rounded spacers	01-28133	Set
Acrylic dam (14 x 14 cm)	01-27144	Piece
Notched fibreglass plates [breakage resistant] (2 No.), rectangular glass plates (2 No.) and gel detacher (one)	01-29121	Set
Notched fibreglass plates [breakage resistant] (2 No.), rectangular glass plates (2 No.) rounded bottom edges for use with rounded spacers, and gel detacher (one)	01-29122	Set
Gel-detacher for fibreglass plate	01-30115	Piece
Gel-casting stand with binder clips	01-33125	Piece
Dual gel-casting stand, for variable gel thickness and number, for agarose free sealing, which fits 1-4 gels	01-33100	System
Dual gel-casting stand, for upto 2 gels, with agarose free sealing	01-33010	System
Dual gel-casting stand, for upto 4 gels, with agarose free sealing	01-33020	System
C shaped rubber gasket (for single gel of 1 mm) for use with Gel casting stand for agarose free sealing (2 nos.)	01-33009	Piece
C shaped rubber gasket (for single gel of 1.5 mm) for use with Gel casting stand for agarose free sealing (2 nos.)	01-33109	Piece

Item Description	Cat. No.	Unit
C shaped rubber gasket (for dual gel of 1 mm) for use with Gel casting stand for agarose free sealing (2 nos.)	01-33010	Piece
C shaped rubber gasket (for dual gel of 1.5 mm) for use with Gel casting stand for agarose free sealing (2 nos.)	01-33110	Piece
Glass plate stand	01-35104	Piece
Buffer savers (2 No.)	01-37981	Set
Gel-sandwich opener	61-30257	Piece
Agarose dispenser for filling slot in 1 mm spacer	62-36201	Piece
Agarose dispenser for filling slot in 1.5 mm spacer	62-36182	Piece
Electrical cords with gold plated male & female connectors designed for user safety	66-41124	Pair
Gradient mixer with triple-barrel and plunging stopper. Volume per chamber 14mL. Accommodates magnetic spin-bar of ≤ 10 mm length	67-50167	Piece
Penta-legged levelling table (21 x 21 cm) with spirit-level	69-41219	Set
Minikin, CEU. Replacement part for single sided system of gel size 10 (w) x 12 (l) cm, with male connector	01-01000	Piece
Minikin, tank. Replacement part for single sided system of gel size 10 (w) x 12 (l) cm, with male connector	01-02000	Piece
Minikin, lid. Replacement part for vertical electrophoresis dual sided system	01-02010	Piece