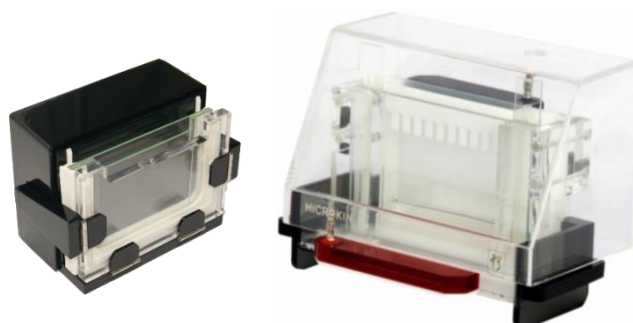


MICROKIN

Gel size: 8.5 (w) x 7.5 (l) cm

- ✓ **Single sided, runs one or two gels**
- ✓ **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: 10/ 13**
- ✓ **Buffer requirement: 150 mL**
- ✓ **10% SDS-PAGE run in 45 min**



Microkin with casting stand (left)

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

	02-00142	02-00143	02-00144	02-00145
	<i>In situ casting/</i> Uni-directional migration	<i>In situ casting/</i> Bi-directional migration	<i>Casting stand/</i> Uni-directional migration	<i>Casting stand/</i> Bi-directional migration
1. Lower anodic tank fitted with male connector and electrode	Y	Y	Y	Y
2. Cathodic electrode unit fitted with male connector and electrode	Y	Y	Y	Y
3. Resilient silicone gasket for cathodic electrode unit	Y	Y	Y	Y
4. One notched and one rectangular glass plate (square bottom)	Y	Y	-	-
5. One notched and one rectangular glass plate (rounded bottom)	-	-	Y	Y
6. Two 1.5 mm thick, breakage resistant, slotted spacers	Y	Y	-	-
7. Two 1.5 mm thick, breakage resistant, rounded spacers	-	-	Y	Y
8. One PTFE comb (1.5 mm thick, 10 wells, est. vol. 75 µL/well)	Y	Y	Y	Y
9. Set of clamps with screws	Y	Y	Y	Y
10. Gel-casting stand for variable gel thickness and number	-	-	Y	Y
11. C shaped rubber gasket for single gel of 1.5 mm	-	-	Y	Y
11. Agarose dispenser for filling slot in spacers	Y	Y	-	-
12. Gel-sandwich opener	Y	Y	Y	Y
13. Lid for safety	Y	Y	Y	Y
14. Electrical cords with male & female connectors	Y	Y	Y	Y
15. Instruction manual	Y	Y	Y	Y

Ordering description

Microkin (02-00142): Vertical electrophoresis single sided system of gel size 8.5 (w) x 7.5 (l) cm, with male connectors, in situ gel casting, slotted spacers, uni-directional migration and capable of accepting two gels.

Microkin-BD (02-00143): Vertical electrophoresis single sided system of gel size 8.5 (w) x 7.5 (l) cm, with male connectors, in situ gel casting, slotted spacers, bi-directional migration and capable of accepting two gels.

Microkin with Casting stand (02-00144): Vertical electrophoresis single sided system of gel size 8.5 (w) x 7.5 (l) cm with male connectors, casting stand with 'C' shaped gasket for agarose free gel casting, rounded spacers, uni-directional migration and capable of accepting two gels.

SUGGESTION

Order along with Ready-to-use system

A set of notched fibreglass plate, rectangular glass plate and gel detacher (02-29071), Gel-casting stand (02-33050), Glass plate stand (02-35085), Comb with 13 wells (02-14131/2)

Microkin-BD with Casting stand (02-00145): Vertical electrophoresis single sided system of gel size 8.5 (w) x 7.5 (l) cm, with male connectors, casting stand with 'C' shaped gasket for agarose free gel casting, rounded spacers, bi-directional migration and capable of accepting two gels.

Microkin and its spares and accessories

Item Description	Cat. No.	Unit
Microkin, ready-to-use system for uni-directional migration	02-00142	System
Microkin, ready-to-use system for uni-directional migration with casting stand	02-00144	System
Microkin-BD, ready-to-use system for bi-directional migration	02-00143	System
Microkin-BD, ready-to-use system for bi-directional migration with casting stand	02-00145	System
Clamps 8.5 (l) cm with screws (one pair)	02-05085	Set
Screws for clamps and cathodic electrode unit (two of each)	02-06148	Packet
Resilient silicone gasket for cathodic electrode unit	02-08264	Piece
Comb 1 mm thick, PTFE, 10 wells, 10 mm deep, est. vol. 50 µL/well	02-14101	Piece
Comb 1.5 mm thick, PTFE, 10 wells, 10 mm deep, est. vol. 75 µL/well	02-14102	Piece
Comb 1 mm thick, PTFE, 13 wells, 10 mm deep, est. vol. 30 µL/well	02-14131	Piece
Comb 1.5 mm thick, PTFE, 13 wells, 10 mm deep, est. vol. 45 µL/well	02-14132	Piece
Spacers, slotted, 1 mm thick, breakage resistant (one pair)	02-17081	Set
Spacers, slotted, 1.5 mm thick, breakage resistant (one pair)	02-17082	Set
Spacers, plain, one edge rounded, 1 mm thick, 8.5 cm length, breakage resistant (one pair)	02-17083	Set
Spacers, plain, one edge rounded, 1.5 mm thick, 8.5 cm length, breakage resistant (one pair)	02-17084	Set
Notched and rectangular glass plate, 12.5 (w) x 8.5 (l) cm (one of each), square bottom edges	02-28072	Set
Notched and rectangular glass plate, 12.5 (w) x 8.5 (l) cm (one of each), rounded bottom edges	02-28073	Set
Rectangular glass plates, 12.5 (w) x 8.5 (l) cm (two), square bottom	02-28082	Set
Rectangular glass plates, 12.5 (w) x 8.5 (l) cm (two), rounded bottom	02-28083	Set
Notched fibreglass plate (breakage resistant), rectangular glass plate, square bottom edge, and gel detacher (one of each)	02-29071	Set
Notched fibreglass plate (breakage resistant), rectangular glass plate, rounded bottom edge, and gel detacher (one of each)	02-29072	Set
Gel-detacher for fibreglass plate	02-30105	Piece
Gel-casting stand with binder clips	02-33075	Piece
Gel-casting stand, for variable gel thickness and number, for agarose free sealing	02-33050	System
Gel-casting stand, for single gel, for agarose free sealing	02-33010	System
Gel-casting stand, for dual gel, for agarose free sealing	02-33020	System
C shaped rubber gasket (for single gel of 1 mm) for use with casting stand	02-33152	Piece
C shaped rubber gasket (for dual gel of 1 mm) for use with casting stand	02-33153	Piece
C shaped rubber gasket (for single gel of 1.5 mm) for use with casting stand	02-33154	Piece
C shaped rubber gasket (for dual gel of 1.5 mm) for use with casting stand	02-33155	Piece
Glass plate stand	02-35085	Piece
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 male & female connectors designed for user safety	66-40124	Pair
Penta-legged levelling table (21 x 21 cm) with spirit-level	69-41219	Set
Microkin, CEU. Replacement part for single sided system of gel size 8.5 (w) x 7.5 (l) cm	02-01142	Piece
Microkin-BD, CEU. Replacement part for single sided system of gel size 8.5 (w) x 7.5 (l) cm	02-01143	Piece
Microkin, tank. Replacement part for single sided system of gel size 8.5 (w) x 7.5 (l) cm	02-02142	Piece
Microkin-BD, tank. Replacement part for single sided system of gel size 8.5 (w) x 7.5 (l) cm	02-02143	Piece