

MEGAKIN

Gel size: 30 (w) x 30 (l) cm

- ✓ **Single sided, runs one gel**
- ✓ **In-situ gel casting**
- ✓ **Designed for effective gel cooling**
- ✓ **No sample loss due to uni-directional migration**

- ✓ **Gels per run: 1**
- ✓ **Wells per gel: [35/ 47] x 1 comb**
- ✓ **Buffer requirement: 1.5 L**
- ✓ **10% SDS-PAGE run in 6 hrs**



Megakin

Features of this apparatus

Leak Proof

- Gaskets made of silicone are tough & resilient
- Leaks from plastic joints prevented as sticking is done with specially manufactured glues

Rugged

- Breakage proof PTFE combs & heavy thick notched plate
- Electrodes do not break as they are thick & purity > 99.9%
- No corrosion due to resin filled base of 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

Ready-to-use system includes

1. Lower anodic tank fitted with 4 mm male connector and 0.3 mm thick electrode
2. Cathodic electrode unit fitted with 4 mm male connector and 0.4 mm thick electrode
3. Resilient silicone gasket for cathodic electrode unit
4. One notched and one rectangular glass plate (square bottom)
5. Two 1.5 mm thick, breakage resistant, slotted spacers
6. One PTFE comb (1.5 mm thick, 35 wells, est. vol. 112 μ L/well)
7. Set of clamps with screws
8. Agarose dispenser for filling slot in spacers
9. Gel-sandwich opener
10. Lid for safety
11. Electrical cords with male & female connectors
12. Instruction manual

18-03030
In situ casting/
Uni-directional
migration

Y
Y
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Ordering description

Megakin (18-03030): Vertical electrophoresis single sided system of gel size 30 (w) x 30 (l) cm, with male connectors, in situ gel casting, slotted spacers, uni-directional migration and capable of accepting single gel.

SUGGESTION

Order along with Ready-to-use system

Gel-casting stand (18-33245),
Glass plate stand (18-35178)

Megakin and its spares and accessories

Item Description	Cat. No.	Unit
Megakin, ready-to-use system for uni-directional migration	18-03030	System
Clamps 30 (l) cm with screws (one pair)	18-05300	Set
Screws for clamps and cathodic electrode unit (two of each)	18-06148	Packet
Resilient silicone gasket with insert for cathodic electrode unit	18-09664	Piece
Comb 1 mm thick, PTFE, 35 wells, 15 mm deep, est. vol. 75 μ L/well	18-14351	Piece
Comb 1.5 mm thick, PTFE, 35 wells, 15 mm deep, est. vol. 112 μ L/well	18-14352	Piece
Comb 1 mm thick, PTFE, 47 wells, 15 mm deep, est. vol. 45 μ L/well	18-14471	Piece
Comb 1.5 mm thick, PTFE, 47 wells, 15 mm deep, est. vol. 66 μ L/well	18-14472	Piece
Spacers, slotted, 1 mm thick, breakage resistant (one pair)	18-17331	Set
Spacers, slotted, 1.5 mm thick, breakage resistant (one pair)	18-17332	Set
Notched (3 mm) and rectangular glass plates, 35 (w) x 31 (l) cm (one of each)	18-28302	Set
Rectangular glass plates, 35 (w) x 31 (l) cm (two)	18-29302	Set
Gel-casting stand with binder clips	18-33245	Piece
Glass plate stand	18-35178	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 design for user safety	66-40124	Pair
Gradient mixer with triple-barrel and plunging stopper. Volume per chamber 22 mL. Accommodates magnetic spin-bar of \leq 14 mm length	67-50207	Piece
Penta-legged levelling table (28 x 45 cm) with spirit-level	69-41459	Set
Megakin, CEU. Replacement part for single sided system of gel size 30 (w) x 30 (l) cm, with male connector	18-01312	Piece
Megakin, tank. Replacement part for single sided system of gel size 30 (w) x 30 (l) cm, with male connector	18-02312	Piece