

## MIDIPAGE

**Gel size: 10 (w) x 10 (l) cm**

- ✓ **Single sided model**
- ✓ **In-situ gel casting/ Casting stand (in development)**
- ✓ **Designed for optimum gel cooling**
- ✓ **No sample loss as uni-directional migration**

- ✓ **Gel thickness: 1.5 mm**
- ✓ **No. of wells: 12**
- ✓ **Buffer requirement: 250 mL**
- ✓ **10% SDS-PAGE run in 85 mins**



Midipage

### Features of this apparatus

#### Economical

- Less buffer required by virtue of its compact design
- For faster separations the apparatus can be conveniently placed in the refrigerator due to its small footprint
- Saves reagent & operator cost as leakage & errors are prevented

#### Rugged

- Durable PMMA combs, spacers & thick glass plates
- No electrolytic corrosion of male connector as base is resin filled
- Electrodes do not break or pit as they are protected and the platinum is >99.9% pure

#### Leak-Proof

- No leakage of upper tank buffer as silicone gasket is tough & resilient
- No leakage from plastic joints as bonding is done with special glues
- Leak-proof sealing with agar in lower tank trough

#### Error Minimization

- No slippage of gel sandwich due to in-situ gel casting
- No migration of samples in wrong direction due to unidirectional feature
- Wells are not formed at a slant as combs sit leveled on spacers

### Ready-to-use system includes

1. Lower anodic tank fitted with male connector and electrodes
2. Cathodic electrode unit fitted with male connector & electrode
3. Resilient silicone gasket for cathodic electrode unit
4. Two notched and two rectangular glass plates
5. Four 1.5 mm thick, breakage resistant, rounded spacers
6. Two PMMA comb (1.5 mm thick, 12 wells, est. vol. 75 µL/well)
7. Set of clamps with screws
8. Gel-casting stand for single gel (One back plate, one front plate)
9. C shaped rubber gasket for single gel of 1.5 mm
10. Electrical cords with male & female connectors
11. Instruction manual

E0400142

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### Ordering description

**Midipage (E0400142):** Vertical electrophoresis single sided system of gel size 10 (w) x 10 (l) cm, 1.5 mm spacers, comb 1.5 mm. PMMA, 12 wells with male connectors, in situ gel casting, uni-directional migration.

#### SUGGESTION

Order along with Ready-to-use system

Gel casting stand (E0433075), Glass plate stand (E0435065), Gel-sandwich opener (E6130257), Gel slicer (E6305150)

**Midipage and its spares and accessories**

Item Description	Cat. No.	Unit
Midipage, ready-to-use system.	E0400142	System
Clamps with screws (one pair)	E0405100	Set
Screws for clamps and cathodic electrode unit	E0406148	Set
Silicone gasket for cathodic electrode unit	E0409304	Piece
Comb 1.5 mm thick, PMMA, 10 wells, 12 mm deep, est. vol. 75 uL/ well	E0414102	Piece
Comb 1.5 mm thick, PMMA, 12 wells, 12 mm deep, est. vol. 65 uL/ well	E0414122	Piece
Spacers, 1.5 mm thick, PMMA (one pair)	E0417102	Set
Notched and rectangular glass plate, 14 (w) x 11 (l) cm (one of each)	E0414112	Set
Notched and rectangular glass plate, with bonded spacers, 14 (w) x 11 (l) cm (one of each)	E0414112	Set
Gel-casting stand with binder clips	E0433075	Piece
Glass plate stand	E0435065	Piece