

## ECOPAGE

**Gel size: 7 (w) x 8.5 (l) cm**

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

- ✓ **Gel thickness: 1.5 mm**
- ✓ **No. of wells: 8**
- ✓ **Buffer requirement: 100 mL**
- ✓ **10% SDS-PAGE run in 70 min**



Ecopage with casting stand (right)

### 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

E0200142

E0200144

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, 8 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

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### Ordering description

**Ecopage (E0200142):** Vertical electrophoresis single sided system of gel size 7 (w) x 8.5 (l) cm, 1.5 mm spacers, comb 1.5 mm. PMMA, 8 wells with male connectors, in situ gel casting, uni-directional migration.

**Ecopage with Casting stand (E0200144):** Vertical electrophoresis single sided system of gel size 7 (w) x 8.5 (l) cm, 1.5 mm spacers, comb 1.5 mm, PMMA, 8 wells with male connectors with agarose free casting stand, male connectors, casting stand with 'C' shaped gasket for agarose free gel casting, uni-directional migration.

### SUGGESTION

Order along with Ready-to-use system

Gel casting stand (E0233075), Glass plate stand (E0235065), Gel-sandwich opener (E6130257), Gel slicer (E6305150)

### Ecopage and its spares and accessories

Item Description	Cat. No.	Unit
Ecopage, ready-to-use system.	E0200142	System
Ecopage, ready-to-use system, with agarose-free casting stand	E0200144	System
Clamps with screws (one pair)	E0205085	Set
Screws for clamps and cathodic electrode unit	E0206148	Set
Silicone gasket for cathodic electrode unit	E0209304	Piece
Comb 1.5 mm thick, PMMA, 8 wells, 10 mm deep, est. vol. 75 µL/well (one pair)	E0214082	Piece
Comb 1.5 mm thick, PMMA, 10 wells, 10 mm deep, est. vol. 75 µL/well (one pair)	E0214102	Piece
Spacers, 1.5 mm thick, PMMA (one pair)	E0217852	Set
Notched and rectangular glass plate, 7 (w) x 8.5 (l) cm (one of each)	E0228082	Set
Notched and rectangular glass plate, with bonded spacers, 7 (w) x 8.5 (l) cm (one of each)	E0228083	Set
Gel-casting stand with binder clips	E0233075	Piece
Gel-casting stand with 'C' shaped rubber gasket for agarose free sealing	E0233077	System
C shaped rubber gasket for agarose free sealing	E0233078	Piece
Glass plate stand	E0235065	Piece