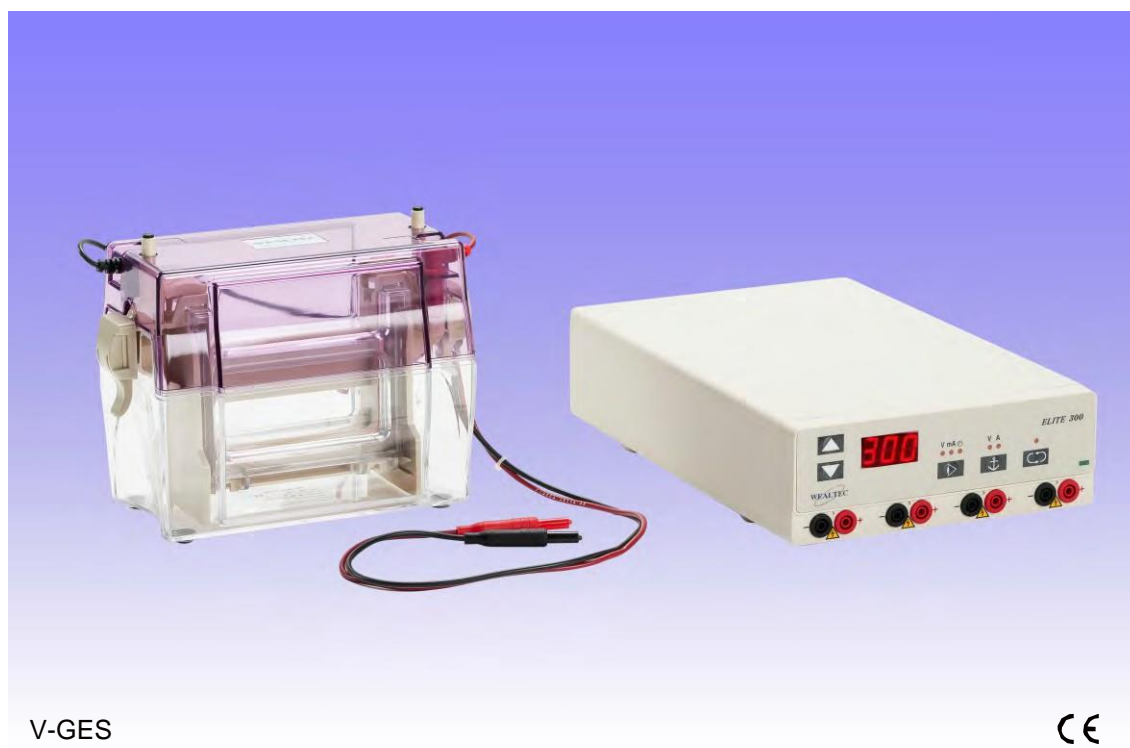


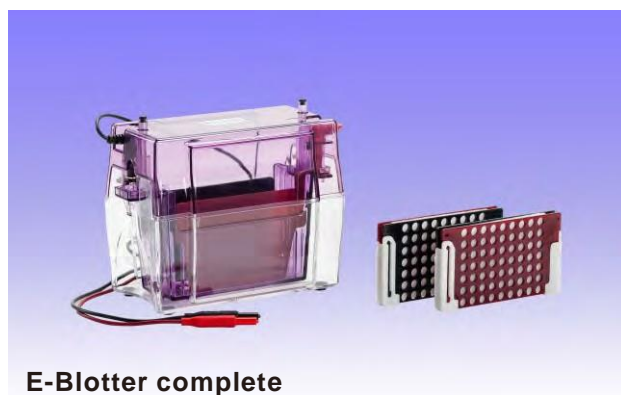
Vertical Electrophoresis



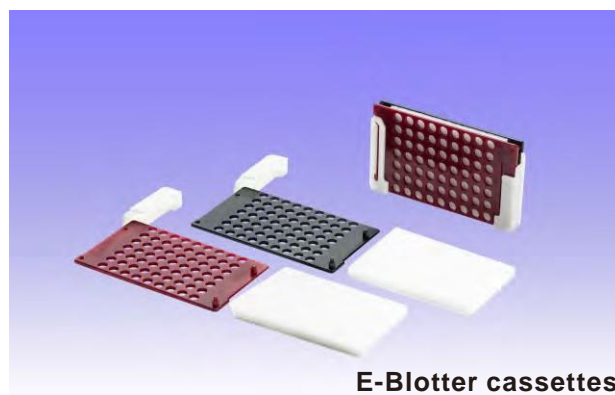
V-GES



Vertical electrophoresis comprises with tank, electrode module, casting module, and optional blotting module. This unit was built by injection mode technology. Its unique anti-leak rubber and clasp-release design* guarantee leakage free while gel casting. Selectable 0.5, 0.75, 1.0mm thickness spacers and combs load different volume protein samples. Electrode module can run two gels simultaneously, and the blotting module shares the same gel tank. E-Blotter is a high resolution gel transfer apparatus which includes one electrophoresis tank, one cassette holder and two sandwich blotting cassettes and one set of electrode. It can transfer two gels simultaneously and apply to protein SDS-PAGE and agarose gel. ELITE series are recommended power supply for the combination as a perfect blotting system.



E-Blotter complete



E-Blotter cassettes

Applications

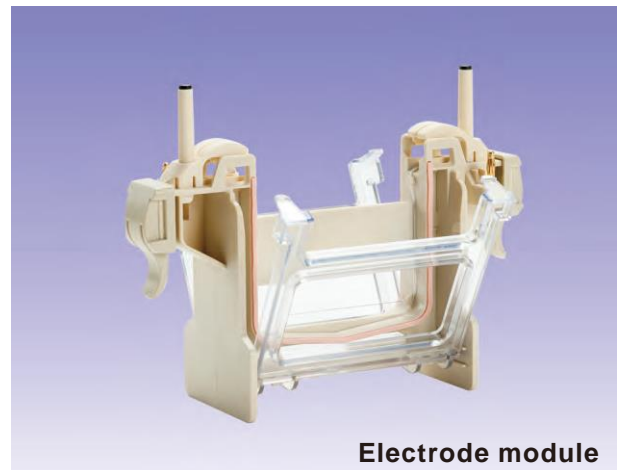
- Education, academic and research institute
- Analytical chemistry, molecular laboratory
- Food industrial and inspection laboratory
- Drug discovery, Biotechnology company
- Proteomics, genomics core facility
- Enzyme reaction, immunology

Features

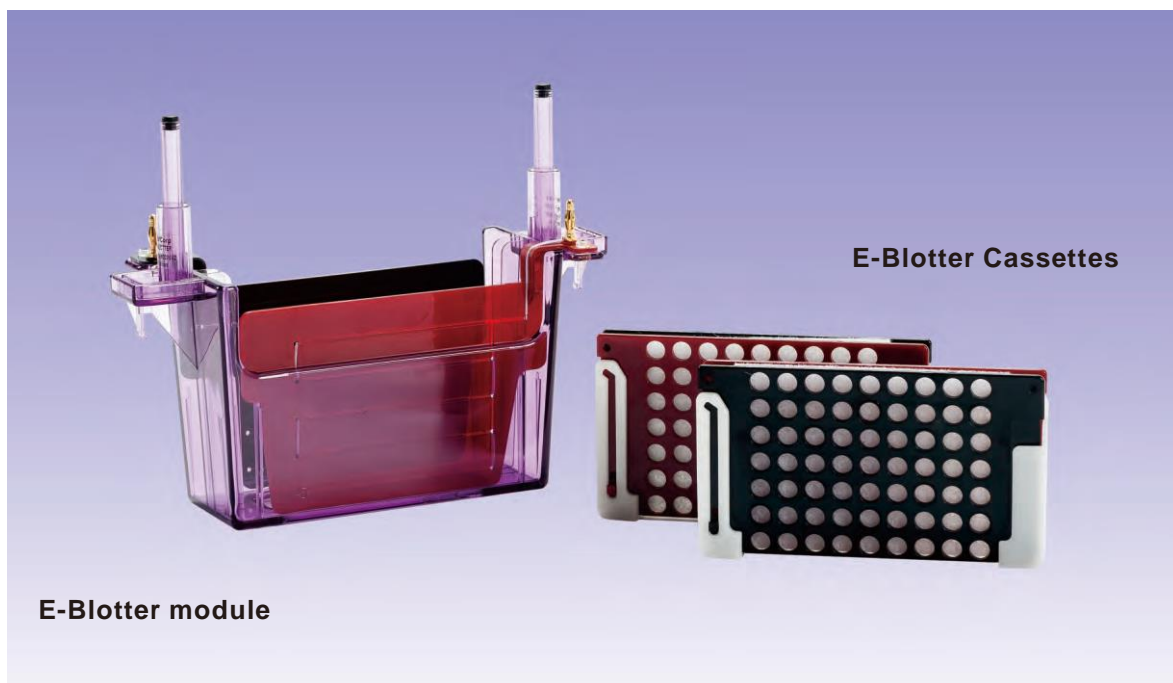
- Interchangeable module for electrophoresis and blotting
- Sufficient buffer capacity without extra cooling device
- Sandwich cassette assembly clamps for blotting
- Capable of transferring two gels simultaneously
- Anti-leakage clasp - release* design gel casting module
- Applicable for protein and DNA gel electrophoresis
- Easy handling and no maintenance design



Casting module

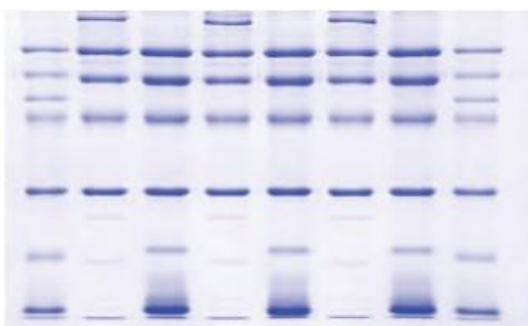


Electrode module

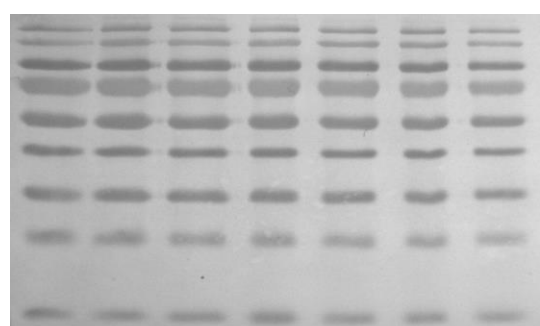


E-Blotter module

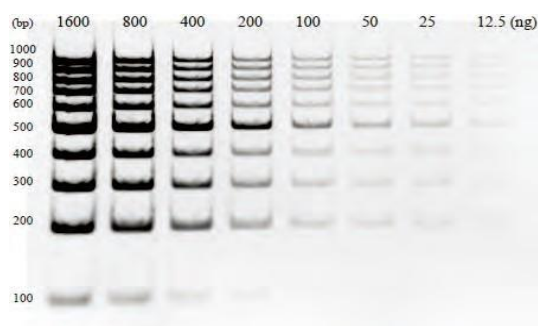
E-Blotter Cassettes



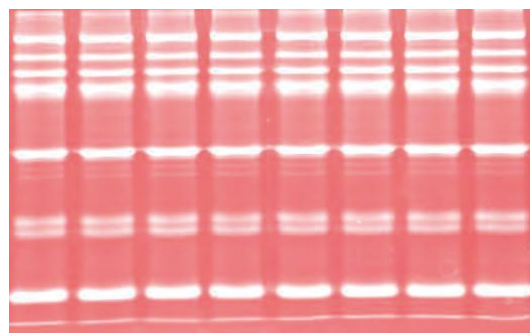
ProMarker separated by V-GES
stained with Coomassie Brilliant Blue



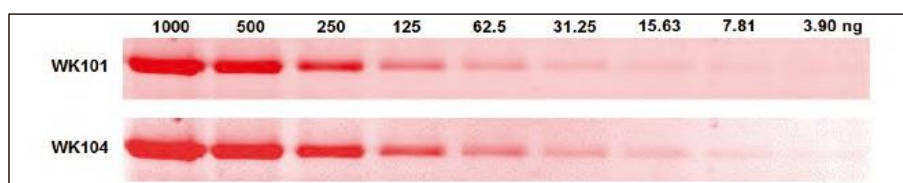
Prestained marker transferred from
SDS-PAGE to PVDF by E-Blotter



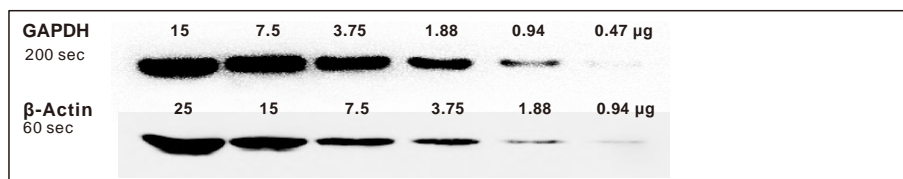
1 kb DNA ladder in acrylamide gel separated by V-GES



ProMarker in SDS-PAGE separated by V-GES stained with SYPRO Ruby



Transferrin in SDS-PAGE separated by V-GES stained with SYPRO Red



Total lysate protein transfer from SDS-PAGE to PVDF by E-Blotter Presented by ECL reagent

Specifications

	V-GES	E-Blotter
Gel size	100 x 80mm (W x H)	110 x 75mm (W x H)
Gel thickness	0.5mm / 0.75mm / 1.0mm	-
Sponge size	-	110 x 75mm (W x H)
Applicable number of samples	10 to 30	-
Number of gels	1 or 2 gels	-
Transfer capability	-	1 or 2 gels
Buffer requirement	-	1450ml
Upper buffer volume	250 to 300ml	-
Lower buffer volume	500 to 1,400ml	-
Cassette dimensions	-	140 x11 x 77mm (W x D x H)
Distance cathode to anode	-	5
Electrode module w /platinum wire	For 1 or 2 gels operation*	-
Casting module	2 sets for gel casting*	-
Glass plate	5 sets	-
Selectable comb teeth	10 /15 teeth	-
Comb thickness	0.5mm / 0.75mm / 1.0mm	-
Physical dimensions	200 x 130 x 165mm (W x D x H)	200 x 130 x 165mm (W x D x H)
Weight	3kg	1kg
Certification	CE	CE
Recommended power supply	ELITE 300U / 600U	ELITE 300U / 600U

The spec is subject to change without prior notice. Clasp-release design* is the patent of Wealtec Bioscience
Patent No.: M277920/ ZL 2005 2 0009035.8 / Nr. 20 2005 005 050.4 / 2005-002015 /US7,544,279 B2

Ordering Information

V-GES

Catalog No.	Description
1031101	V-GES (0.5 mm) complete system, system includes electrode module, electrophoresis tank, casting module/ 2 sets, glass plate set/5 sets, 0.5 mm spacer/4 pcs, 0.5 mm 10 teeth comb/2 pcs, one-gel gate, alignment card, glass plate separator, and instruction manual
1031102	V-GES (0.75 mm) complete system, system includes electrode module, electrophoresis tank, casting module/ 2 sets, glass plate set/5 sets, 0.75 mm spacer/4 pcs, 0.75 mm 10 teeth comb/2 pcs, one-gel gate, alignment card, glass plate separator, and instruction manual
1031103	V-GES (1.0 mm) complete system, system includes electrode module, electrophoresis tank, casting module/ 2 sets, glass plate set/5 sets, 1.0 mm spacer/4 pcs, 1.0 mm 10 teeth comb/2 pcs, one-gel gate, alignment card, glass plate separator, and instruction manual
1031121	V-GES (0.5 mm) complete system with power supply, system includes electrode module, electrophoresis tank, casting module/2 sets, glass plate set/5 sets, 0.5 mm spacer/4 pcs, 0.5 mm 10 teeth comb/2 pcs, one-gel gate, alignment card, glass plate separator, instruction manual, and ELITE 300U Power Supply
1031122	V-GES (0.75 mm) complete system with power supply, system includes electrode module, electrophoresis tank, casting module/2 sets, glass plate set/5 sets, 0.75 mm spacer/4 pcs, 0.75 mm 10 teeth comb/2 pcs, one-gel gate, alignment card, glass plate separator, instruction manual, and ELITE 300U Power Supply
1031123	V-GES (1.0 mm) complete system with power supply, system includes electrode module, electrophoresis tank, casting module/2 sets, glass plate set/5 sets, 1.0 mm spacer/4 pcs, 1.0 mm 10 teeth comb/2 pcs, one-gel gate, alignment card, glass plate separator, instruction manual, and ELITE 300U Power Supply
1031131	V-GES (0.5 mm) complete system with power supply, system includes electrode module, electrophoresis tank, casting module/2 sets, glass plate set/5 sets, 0.5 mm spacer/4 pcs, 0.5 mm 10 teeth comb/2 pcs, one-gel gate, alignment card, glass plate separator, instruction manual, and ELITE 600U Power Supply
1031132	V-GES (0.75 mm) complete system with power supply, system includes electrode module, electrophoresis tank, casting module/2 sets, glass plate set/5 sets, 0.75 mm spacer/4 pcs, 0.75 mm 10 teeth comb/2 pcs, one-gel gate, alignment card, glass plate separator, instruction manual, and ELITE 600U Power Supply
1031133	V-GES (1.0 mm) complete system with power supply, system includes electrode module, electrophoresis tank, casting module/2 sets, glass plate set/5 sets, 1.0 mm spacer/4 pcs, 1.0 mm 10 teeth comb/2 pcs, one-gel gate, alignment card, glass plate separator, instruction manual, and ELITE 600U Power Supply
Accessories	
1031002	V-GES casting module, module includes V-GES casting module without tank and glass plate set, 1 set
1031003	V-GES Electrode module, module include V-GES electrode module without tank, 1 set
1031005	V-GES glass plate set, includes thick glass plate/ 5pcs, U-shape glass plate / 5pcs.
1035401	Thick glass plate 100 x 130mm, 5pcs
1035402	U-shape glass plate 100 x 130mm, 5pcs
1032001	0.5mm V-GES spacer 15 x 100mm, 2pcs
1032002	0.75mm V-GES spacer 15 x 100mm, 2pcs
1032003	1.0mm V-GES spacer 15 x 100mm, 2pcs
1032101	0.5mm 10-teeth comb for V-GES, 1pc
1032111	0.5mm 15-teeth comb for V-GES, 1pc
1032102	0.75mm 10-teeth comb for V-GES, 1pc
1032112	0.75mm 15-teeth comb for V-GES, 1pc
1032103	1.0mm 10-teeth comb for V-GES, 1pc
1032113	1.0mm 15-teeth comb for V-GES, 1pc
1035003	Casting stand
1035004	A pair of wing releaser and pins
1035005	Casting stand lid
1035006	Electrode stand assembly
1035007	Electrode stand lid (2 pcs/pkg)
1035008	Clamp releaser (2 pcs/pkg)
1035009	Casting rubber, 2 pcs (1035302)
1035010	Casting stand lid rubber (2 pcs/pkg)
1035501	One-gel gate for V-GES, 1pc
1035502	Glass plate separator (Wedge-shaped separator), 1pc
1035503	Alignment card for V-GES, 1pc

E-Blotter

Catalog No.	Description
1030201	E-Blotter complete system, system includes electrophoresis tank, E-Blotter module, and instruction manual
1030216	E-Blotter complete system with power supply, system includes electrophoresis tank, E-Blotter module, instruction manual, and ELITE 300U Power Supply
1030217	E-Blotter complete system with power supply, system includes electrophoresis tank, E-Blotter module, instruction manual, and ELITE 600U Power Supply
1031004	E-Blotter Electrode module, includes black & red electrode plate in cassette holder, blotter cassette/2 sets, blotting sponge/1 pkg, and blotting paper/1 pkg, without tank
Accessories	
1035101	E-Blotter cassette holder, holder without electrode plates, 1pc
1035102	E-Blotter Black electrode plate set, set includes plate with electrode and banana-plug assembly
1035103	E-Blotter Red electrode plate set, set includes plate with electrode and banana-plug assembly
1035104	Blotter cassette, red and black cassette plate with clamp/2 sets, Blotting sponge for E-Blotter, 75 x 110 mm, 4 pcs
1035105	Blotting sponge for E-Blotter, 75 x 110 mm, 4 pcs
1035106	Blotting paper for E-Blotter, 75 x 110 mm, 50 pcs



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