

VERTICAL ELECTROPHORESIS

IG-VDN SERIES



IGENE LABSERVE

Innovative • Interactive • Intuitive

FEATURES & SPECIFICATIONS

DESCRIPTION

IG-VDN Series vertical electrophoresis is having options to select from 1 to 4 gel with multiple comb options. VDN series protein electrophoresis are single molded units and does not have any fabrication or pasting to avoid leakage. Uniquely designed caster assembly is very easy to operate and are leakage free. It has been designed for ease of operation in such a way that casting and running is performed in same module to avoid accidental mishandling risk of transferring gels.

FEATURES

- ❖ High resolution separation with simple operation.
- ❖ Uniquely designed glass plates to reduce risk of breakage.
- ❖ Option to select from 1-4 gels running capacity.
- ❖ High Strength polycarbonate material for durability at high current supply also.
- ❖ Casting and running in the same module to reduce risk of gel breakage in process.
- ❖ Auto cut on opening of lid for user safety.
- ❖ Multiple options of combs with thickness of 1.0 & 1.5mm.
- ❖ Inbuilt spacer in plates for easy casting to avoid leakage.
- ❖ Molded buffer tank equipped with pure platinum electrode.

WESTERN BLOT UNIT

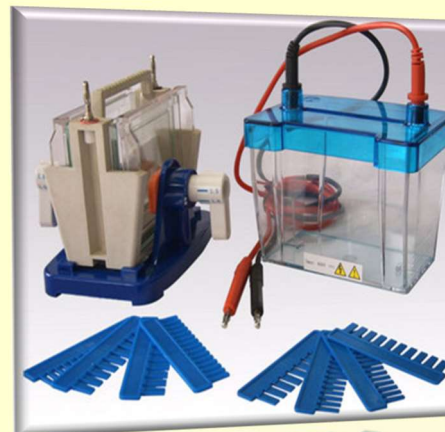
- ❖ High quality acrylic with platinum electrode
- ❖ Compatible with tank of 4 gel assembly.
- ❖ Fast transferring speed with good effect.
- ❖ Latches on the gel holder cassette for easy handling
- ❖ Two transfer can be performed at a time



Specifications

IG-24VDN VERTICAL ELECTROPHORESIS

Gel Dimension	83x75(mm)
Gel Plates	4 sets of short glass and spacer plates
Combs	10 & 15 samples for 1.0mm and 1.5mm
Number of Combs	5
Number of gels	2 Nos Maximum
Comb thickness	1.0 mm and 1.5 mm
Buffer volume	170 ml
Max No of Samples	30
Size (L X W X H)	150 × 100 × 140 (mm)



IG-34VDN VERTICAL ELECTROPHORESIS

Gel Dimension	100x85(mm)
Gel Plates	16 set of short glass and spacer plates
Number of Combs	16
Combs	13 & 21 Samples for 1.0mm and 1.5mm Combs
Number of Gel	4 Nos Maximum
Comb thickness	1.0 mm and 1.5 mm
Buffer volume	850ml (2 Gel) 1200ml(4 Gel)
Max No of Samples	84
Size (L X W X H)	200x 175x 160 (mm)



IG-04FD WESTERN BLOT ASSEMBLY

NO of Gels	2
Compatibility	With tank of 4 gel system or available with separate tank
Continuous working time	>24hrs
Buffer volume	850ml
Cooling Unit	2 Nos
Maximum Power	60 Watt

