

ENDURO™ VE 20 Vertical Gel System

The ENDURO VE20 is Labnet's new large format vertical gel electrophoresis system. Designed to perform a variety of separations, including first and second-dimension SDS-PAGE, native, preparative, gradient, high-resolution nucleic acid electrophoresis and electroblotting, the VE20 is one of the most versatile large format vertical systems available.

The VE20 distinguishes itself in its flexibility of applications, ease of gel casting and set-up requiring only 4 screws to secure 4 (16 x 17.5 cm) gels. The VE20 vertical screw-clamp configuration distributes pressure evenly along the height of the gel rather than in the center to eliminate plate bowing and gel compression. The new configuration still maintains a leak-proof seal during casting; while the ergonomic wave-like design of the PAGE insert aids both handling and set up.

Whether it is running 2 or 4 gels, electroblotting or IEF using IPG strips, all of these techniques may be performed using the same base unit while retaining the benefits provided by large format electrophoresis, such as extended separation distances, greater sample throughput and superior resolution. Whatever your large format gel requirements are, the VE20 can be made to meet them.



SPECIFICATIONS

Plate dimensions: (W x H x D)	20 x 20 x 0.4 cm
Standard spacer dimensions: (W x H)	2 x 20 cm
IPG spacer dimensions: (W x H)	0.6 x 20 cm
Unit dimensions: (W x H x D)	30 x 27 x 18 cm
Unit weight	5.5 lbs/ 2.5 kg
Number of gels	1-4
Total volume inner buffer chamber	640 mL
Total buffer Volume for 2 gels	5.3 L
Total buffer Volume for 4 gels	4.8 L
Std run time without cooling	4-5 hours
Std run time with cooling	3-4 hours

CAT NO.	DESCRIPTION
E2020	ENDURO VE20 Vertical Gel System includes glass plates, 2 x 24 well combs, cooling coil and casting base
E2020-CU	ENDURO VE20 Dual Casting System 2 sets of glass plates, 1 mm thick bonded spacers, 2 x 24 well 1 mm thick combs, cooling coil, dummy plate and caster with external
E2120-EC	ENDURO VE20 External Casting Stand
E2120-CAST	ENDURO VE20 Casting Base
E2120-PI	ENDURO VE20 Page insert
E2120-CC	ENDURO VE20 Detachable Cooling Coil
E2120-RM	ENDURO VE20 Replacement Rubber mats for 20 x 20 cm caster.
E2120-MCB	ENDURO VE20 Maxi Cooling Block
E2120-CC	ENDURO VE20 Detachable Cooling Coil
E2120-LD	VE20 lid (No cables)

*Labnet offers a wide range of combs, spacers and other accessories for your electrophoresis needs. They are available on our website or by requesting our ENDURO Full Line electrophoresis catalog.