

ENDURO™ 10.10 AND 96 HORIZONTAL GEL BOX

With gel tray options of 10 x 10 cm and 10 x 12 cm the 10.10 has been designed for routine horizontal gel electrophoresis. Extending only the width of this unit allows more samples to be resolved per gel than the 10.10 Mini without a significant increase in buffer or gel volumes. A maximum of 100 samples per gel can be resolved, making this unit ideal for routinely checking medium numbers of samples over short to medium gel run lengths. Loading guides allow easy well identification and sample loading. The ENDURO 96 Gel System is ideal for high throughput electrophoresis of PCR products or samples containing a small number of DNA bands such as the analysis of up to 96 PCR products loaded from 96-well microplates or thermal cycler blocks. Its 10x12 cm (WxL) gel dimensions and 96-well comb block format correspond to the standard microplate configuration. Two different types of combs are available: one 8 wells with one DNA marker lane and one 8 wells with 2 DNA marker lanes. The offset layout of the wells allows a maximum run length of 1.8 cm per well, resulting in improved separation.

ENDURO 96 can accommodate samples from a 96-well plate – samples can be loaded directly using 8 channel Multichannel pipettes. As with all ENDURO units, leak-proof casting is simplified using the supplied casting dams while their ultra-compact size minimizes buffer usage and bench space requirements. The 10.10 base unit is the same for the 10.10 and the ENDURO 96 providing one very versatile gel box.



Enduro 96

ENDURO 10.10 SPECIFICATIONS

Gel (W x L)	10 x 10 cm
Unit (W x L x H)	12.5 x 22 x 9 cm
Buffer Volume	300 mL
Max. Capacity	100 samples

ENDURO 96 SPECIFICATIONS

Gel (W x L)	10 x 12 cm
Unit (W x L x H)	12.5 x 22 x 9 cm
Buffer Volume	300 mL
Max. Capacity	100 samples



Enduro 10.10

ORDERING INFORMATION

Catalog No.	Description
E1010-10	ENDURO 10.10 Horizontal Gel with two 10 tooth combs, gel tray, casting gates, and loading guides
E1010-9611	ENDURO 96 Horizontal Gel with single marker 1 mm thick comb block, gel tray, casting gates
E1010-9611.5	ENDURO 96 Horizontal Gel with single marker 1.5 mm thick comb block, gel tray, casting gates
E1010-9621	ENDURO 96 Horizontal Gel with double marker 1 mm thick comb block, gel tray, casting gates
E1010-9621.5	ENDURO 96 Horizontal Gel with double marker 1.5 mm thick comb block, gel tray, casting gates
E1010-10-GT	ENDURO 10.10 UV transparent gel tray

ENDURO™ 10.10 AND 96 ACCESSORIES



ACCESSORIES Enduro 10.10 and Enduro 96

Catalog No.	Description	Marker	ENDURO 10.10	ENDURO 96	Comb Thickness	Sample Volume (5 mm gel)	Multichannel Compatible
E1110-20MC-1	Comb 20 sample		✓	✓	1 mm	14 µL	Yes
E1110-10MC-1	Comb 10 sample		✓	✓	1 mm	27 µL	Yes
E1110-20MC-1.5	Comb 20 sample		✓	✓	1.5 mm	20 µL	Yes
E1110-12-1.5	Comb 12 sample		✓	✓	1 mm	23 µL	No
E1110-15-1.5	Comb 16 sample		✓	✓	1.5 mm	24 µL	No
E1110-8-1	Comb 8 sample		✓	✓	1 mm	41 µL	No
E1110-16-0.75	Comb 16 sample		✓	✓	0.75 mm	12 µL	No
E1110-16-2	Comb 16 sample		✓	✓	2 mm	32 µL	No
E1110-12-1.5	Comb 12 sample		✓	✓	1.5 mm	34 µL	No
E1110-10MC-1.5	Comb 10 sample		✓	✓	1.5 mm	41 µL	Yes
E1110-12-0.75	Comb 12 sample		✓	✓	0.75 mm	17 µL	No
E1110-25-2	Comb 25 sample		✓	✓	2 mm	20 µL	No
E1010-9611-CB	Conversion kit to ENDURO 96	Single	✓		1 mm		Yes
E1010-9611.5-CB	Conversion kit to ENDURO 96	Single	✓		1.5 mm		Yes
E1010-9621.CB	Conversion kit to ENDURO 96	Double	✓		1 mm		Yes
E1010-9621.5-CB	Conversion kit to ENDURO 96	Double	✓		1.5 mm		Yes
E1010-9611-C	ENDURO 96 Comb Block	Single		✓	1 mm		Yes
E1010-9611.5-C	ENDURO 96 Comb Block	Single		✓	1.5 mm		Yes
E1010-9621-C	ENDURO 96 Comb Block	Double		✓	1 mm		Yes
E1010-9621.5-C	ENDURO 96 Comb Block	Double		✓	1.5 mm		Yes

ENDURO™ 15.10 AND 15.15 HORIZONTAL GEL BOXES

The ENDURO 15.10 and 15.15 offer a wide degree of versatility. Two trays are available – 15 x 10 cm and 15 x 15 cm – allowing the choice of two gel lengths at the time of purchase. Maximizing comb and tray options allow up to 210 samples to be resolved per gel. The 15 cm total run length allows restriction fragments or other close MW sample bands to be easily separated and identified. Speed loading is accomplished using 10, 14, 16, 18, 28 or 30 sample multi-channel pipette compatible combs. These units provide high resolution separation of nucleic acid fragments 100bp to 20 kbp and are excellent for screening of PCR samples or routine DNA fragment analysis.



15 x 15 cm gel tray

ORDERING INFORMATION

Catalog No.	Description
E1015-10	ENDURO 15.10 Horizontal Gel with one 16 and one 20 tooth combs, gel tray, casting gates, and loading guides
E1015-15	ENDURO 15.15 Horizontal Gel with one 16, 20 & 28 tooth combs, gel tray, casting gates, and loading guides
E1015-10-GT	ENDURO 10.10 UV transparent gel tray
E1015-15-GT	ENDURO 15.15 UV transparent gel tray

ENDURO 15.10 SPECIFICATIONS

Gel (W x L)	15 x 10 cm
Unit (W x L x H)	17.5 x 26.5 x 9 cm
Buffer Volume	500 mL
Max. Capacity	140 samples

ENDURO 15.15 SPECIFICATIONS

Gel (W x L)	15 x 15 cm
Unit (W x L x H)	17.5 x 26.5 x 9 cm
Buffer Volume	500 mL
Max. Capacity	210 samples

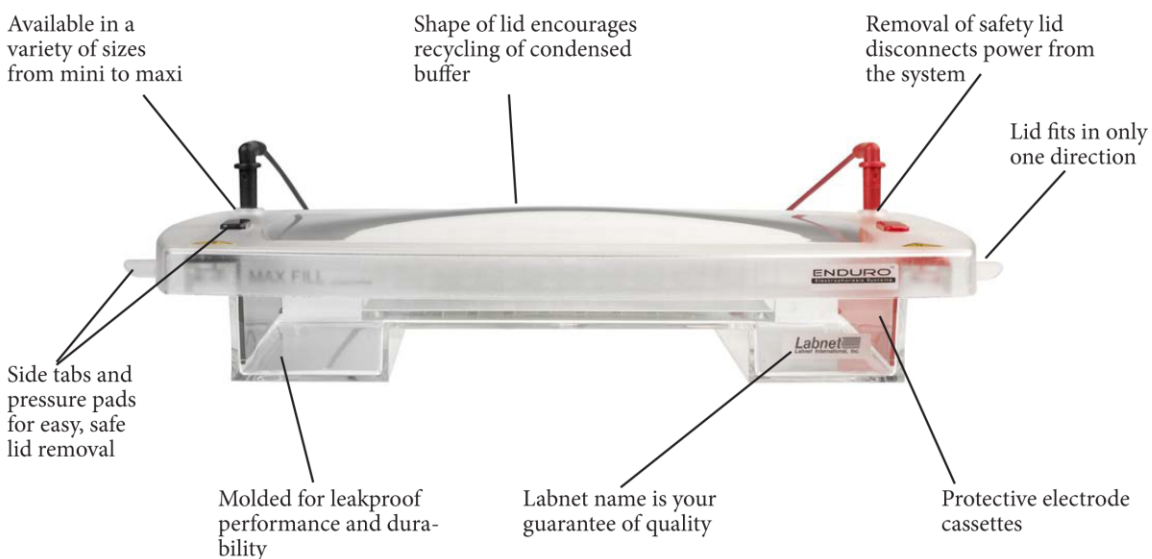
ACCESSORY COMBS

Catalog No.	Description	Comb Thickness	Sample Volume (5 mm gel)	Multichannel Compatible
E1115-16MC-1.5	Comb 16 sample	1.5 mm	40 µL	No
E1115-20-1.5	Comb 20 sample	1.5 mm	32 µL	No
E1115-30MC-1.5	Comb 30 sample	1.5 mm	19 µL	Yes
E1115-28MC-1	Comb 28 sample	1 mm	11 µL	Yes
E1115-30MC-1	Comb 30 sample	1 mm	13 µL	Yes
E1115-20-1	Comb 20 sample	1 mm	21 µL	No
E1115-8-1	Comb 8 sample	1 mm	100 µL	No
E1115-14MC-2	Comb 14 sample	2 mm	59 µL	Yes
E1115-18-1	Comb 18 sample	1 mm	11 µL	No
E1115-20-2	Comb 20 sample	2 mm	43 µL	No
E1115-35-1.5	Comb 35 sample	1.5 mm	15 µL	No
E1115-16MC-1	Comb 16 sample	1 mm	27 µL	Yes
E1115-18MC-1	Comb 18 sample	1 mm	17 µL	Yes
E1115-12-1.5	Comb 12 sample	1.5 mm	61 µL	No
E1115-20-0.75	Comb 20 sample	0.75 mm	16 µL	No
E1115-12-1	Comb 12 sample	1 mm	41 µL	No
E1115-12-1	Comb 12 sample	1 mm	44 µL	No
E1115-16MC-1	Comb 16 sample	1 mm	27 µL	Yes
E1115-10-1	Comb 10 sample	1 mm	45 µL	No
E1115-14MC-1	Comb 14 sample	1 mm	29 µL	Yes
E1115-14MC-1	Comb 14 sample	1 mm	8 µL	Yes
E1115-10-1.5	Comb 10 sample	1.5 mm	68 µL	No
E1115-16MC-2	Comb 16 sample	2 mm	54 µL	Yes



ENDURO™ 20.20 HORIZONTAL GEL BOXES

The high capacity ENDURO 20.20 is primarily designed for resolution of high numbers of samples such as from cloning or PCR. The ENDURO 20.20 allows ultra-high resolution separations over extended runs and is ideal for large-scale preparatory and analytical electrophoresis techniques. Multichannel pipette compatible combs up to 40 samples facilitate speed loading of up to 440 samples per gel. 50 sample combs allow maximum sample capacity of 550 samples per gel. Casting dams allow gels to be rapidly cast externally while the ENDURO 20.20 unit is in use.



Common to all horizontal gel boxes

ACCESSORY COMBS

Catalog No.	Description	Comb Thickness	Sample Volume (5 mm gel)	Multichannel Compatible
E1120-20MC-1	Comb 20 sample	1 mm	27 µL	Yes
E1120-20MC-0.75	Comb 20 sample	0.75 mm	20 µL	Yes
E1120-40MC-1	Comb 40 sample	1 mm	11 µL	Yes
E1120-40MC-1.5	Comb 40 sample	1.5 mm	17 µL	Yes
E1120-20MC-1.5	Comb 20 sample	1.5 mm	41 µL	Yes
E1120-25-1	Comb 25 sample	1 mm	21 µL	No
E1120-30-1	Comb 30 sample	1 mm	17 µL	No
E1120-40MC-2	Comb 40 sample	2 mm	23 µL	Yes
E1120-16-0.75	Comb 16 sample	0.75 mm	30 µL	No
E1120-50-2	Comb 50 sample	2 mm	21 µL	No

ENDURO 20.20 SPECIFICATIONS

Gel (W x L)	20 x 20 cm
Unit (W x L x H)	23 x 39.5 x 9 cm
Buffer Volume	1,200 mL
Max. Capacity	450 samples

- Run up to 450 samples
- Low buffer volumes
- Ideal for extended separations
- Multichannel pipette compatible combs for fast loading

ORDERING INFORMATION

Catalog No.	Description
E1020-20	ENDURO 20.20 Horizontal Gel with two 40 and two 20 tooth combs, gel tray, casting gates, and loading guides
E1020-20-GT	ENDURO 20.20 UV transparent gel tray