

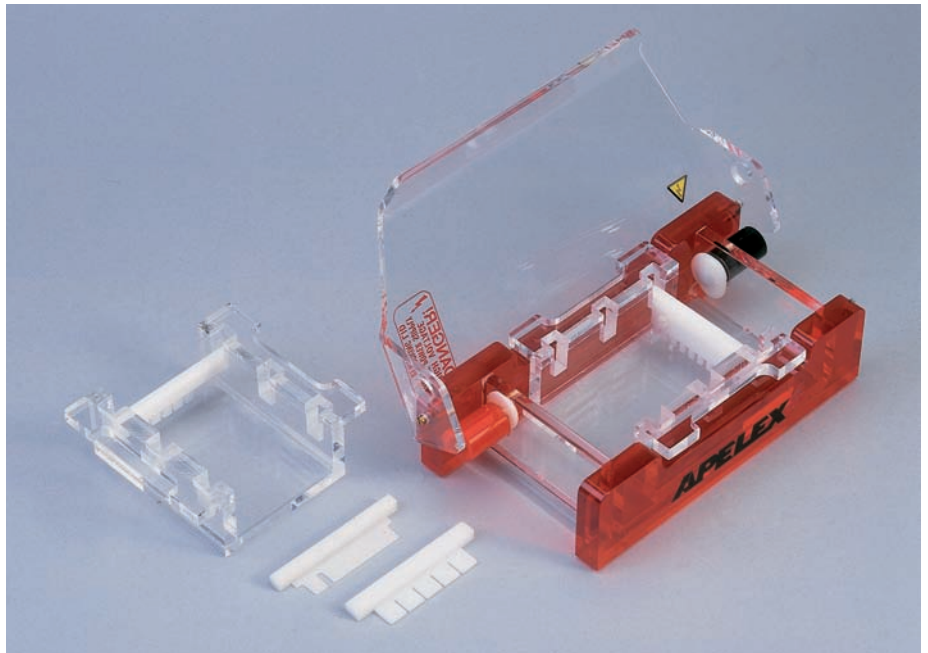
## MICROGEL 2

**Gel dimension 5 x 8 cm (w x l)**  
**2 comb Slots**

**APPLICATION:** Designed for very fast separations and small scale procedures of nucleic acids, restriction fragments in agarose gel.

- Compact size.

Whole unit can be placed on U.V. table



### TECHNICAL SPECIFICATIONS

Buffer Volume	150 ml
Maximum number of samples	20
Unit dimensions (w x l x h)	19 x 11 x 6 cm

### ORDERING INFORMATION

<b>301000</b>	<b>MICROGEL 2.</b> Includes: removable U.V. transparent gel tray 5 x 8 cm (w x l), 2 removable casting gates, 1.0 mm thickness 10 teeth comb, sample volume 10 µl*, safety lid, set of power leads, user's manual			
	<b>Thickness</b>	<b>Teeth</b>	<b>Sample volume*</b>	<b>Well width</b>
300051	Comb 1.0 mm	5	24 µl	6.0 mm
300101	Comb 1.0 mm	10	10 µl	2.5 mm
300052	Comb 2.0 mm	5	48 µl	6.0 mm
300102	Comb 2.0 mm	10	20 µl	2.5 mm
300111	Prep Comb 1.0 mm 1 sample/1 marker		160 µl/10µl	40.0/2.5 mm
301115	Prep Comb 1.5 mm 1 sample/1 marker		240 µl/15µl	40.0/2.5 mm
301100	U.V. transparent tray 5 x 8 cm (w x l) Supplied with 2 removable casting gates			
320700	Set of power leads			
340500	Separate gel Casting base with adjustable feet and bubble			

\* for a 5 mm thickness gel

## SUGGESTED POWER SUPPLIES FOR MICROGEL 2 & MINIGEL 2

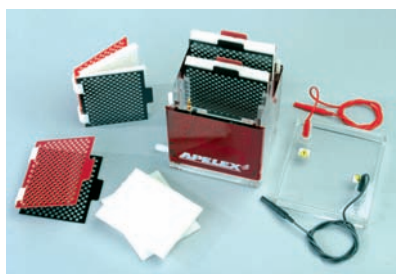


Cat. No. 160500  
See page 4

Cat. No. 170000  
See page 4



## SUGGESTED BLOTTING TANKS FOR MICROGEL 2 & MINIGEL 2



MiniGel Transblotter  
Cat. No. 430000  
See page 42

Slim blotter  
Cat. No. 504002  
See page 43



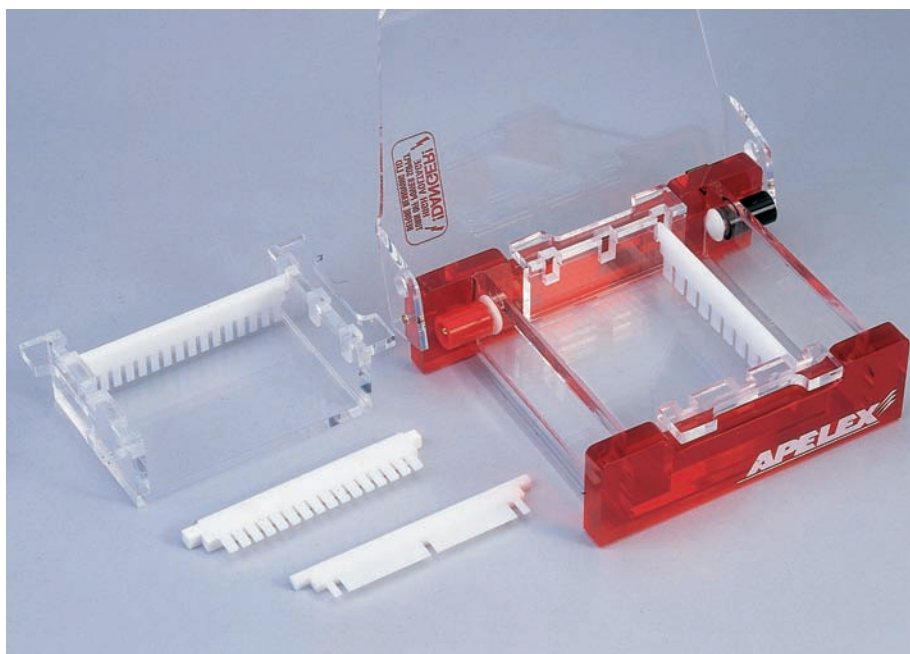
## MINIGEL 2

**Gel dimension 10 x 8 cm (w x l)**  
**2 comb Slots**

**APPLICATION:** Designed for very fast separations and small scale procedures of nucleic acids, restriction fragments in agarose gel.

- Compact size.

Whole unit can be placed on U.V. table



### TECHNICAL SPECIFICATIONS

Buffer Volume	250 ml
Maximum number of samples	36
Unit dimensions (w x l x h)	19 x 16 x 6 cm

### ORDERING INFORMATION

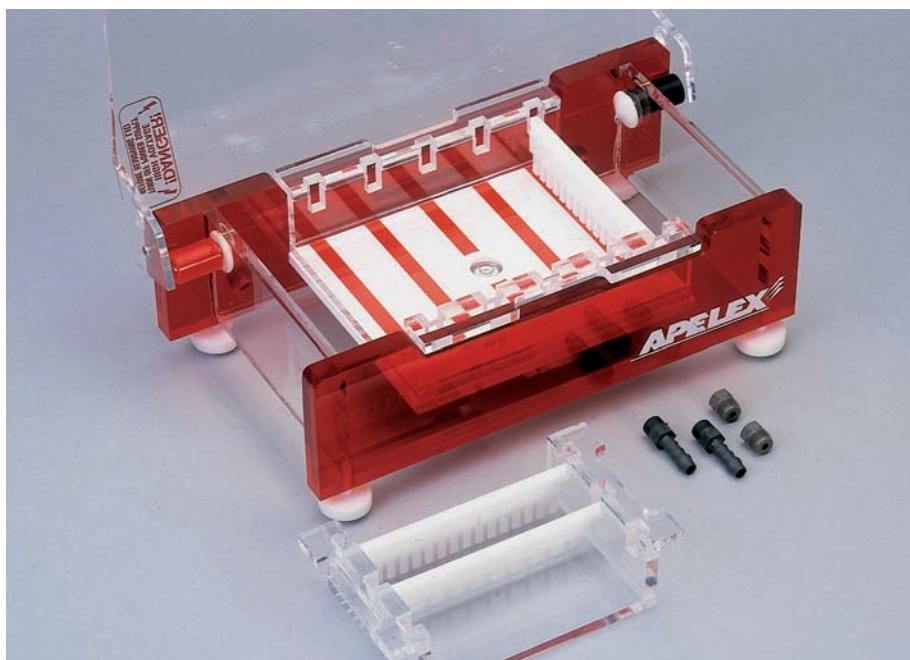
<b>311000</b>	<b>MINIGEL 2. Includes:</b> removable U.V. transparent gel tray 10 x 8 cm (w x l), 2 removable casting gates, 1.0 mm thickness 16 teeth comb, sample volume 12 µl*, safety lid, set of power leads, user's manual			
	<b>Thickness</b>	<b>Teeth</b>	<b>Sample volume*</b>	<b>Well width</b>
320101	Comb 1.0 mm	10	24 µl	6.0 mm
320102	Comb 2.0 mm	10	48 µl	6.0 mm
320103	Comb 3.0 mm	10	72 µl	6.0 mm
320161	Comb 1.0 mm	16	12 µl	3.0 mm
320162	Comb 2.0 mm	16	24 µl	3.0 mm
320163	Comb 3.0 mm	16	36 µl	3.0 mm
320181	Comb 1.0 mm	18	14 µl	3.5 mm
compatible with multi-channel pipettes				
320121	Prep Comb 1.0 mm	1 sample/2 markers	360 µl/2 x 12 µl	90.0/3 mm
320122	Prep Comb 2.0 mm	1 sample/2 markers	720 µl/2 x 24 µl	90.0/3 mm
321050	U.V. transparent tray 10 x 8 cm (w x l) Supplied with 2 removable casting gates			
320700	Set of power leads			
340500	Separate gel Casting base with adjustable feet and bubble			

\* for a 5 mm thickness gel

## MIDIGEL 2

**APPLICATION:** Accommodates standard gels for both analytical and preparative studies of nucleic acid. Designed for separations of DNA and RNA restriction fragments in agarose gel as well as PCR® screening and RFLP.

- Maximum number of samples: 72 with 4 combs.
- Gel tray 10 x 14 cm has 4 spaces for combs insertion.
- Gel tray 10 x 8 cm has 2 spaces for combs insertion.
- Combs 10, 16 and 18 teeth compatible with multichannel pipettes.
- Preparative combs also available.
- 4 adjustable feet and bubble level.
- Red strips for wells visualisation.



### TECHNICAL SPECIFICATIONS

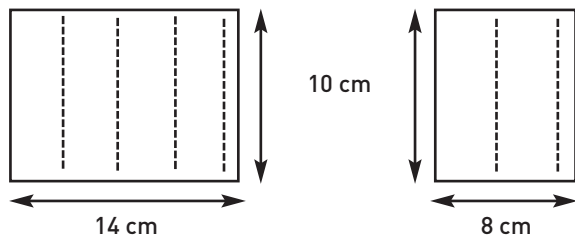
Buffer Volume	800 ml
Unit dimensions (w x l x h)	28 x 16 x 9 cm

### ORDERING INFORMATION

<b>321000</b>	<b>MIDIGEL 2. Includes:</b> removable U.V. transparent gel tray 10 x 14 cm (w x l), 2 removable casting gates, 2.0 mm thickness 16 teeth comb, sample volume 24 µl*, safety lid, set of power leads, buffer circulation accessories, user's manual			
	<b>Thickness</b>	<b>Teeth</b>	<b>Sample volume*</b>	<b>Well width</b>
320101	Comb 1.0 mm	10	24 µl	6.0 mm
320102	Comb 2.0 mm	10	48 µl	6.0 mm
320103	Comb 3.0 mm	10	72 µl	6.0 mm
320161	Comb 1.0 mm	16	12 µl	3.0 mm
320162	Comb 2.0 mm	16	24 µl	3.0 mm
320163	Comb 3.0 mm	16	36 µl	3.0 mm
320181	Comb 1.0 mm	18	14 µl	3.5 mm
compatible with multichannel pipettes				
320121	Prep Comb 1.0 mm 1 sample/2 markers		360 µl/2 x 12 µl	90.0/3 mm
320221	Prep Comb 1.0 mm 2 samples/2 markers		160 µl/2 x 12 µl	40.0/3 mm
320122	Prep Comb 2.0 mm 1 sample/2 markers		720 µl/2 x 24 µl	90.0/3 mm
321100	U.V. transparent tray 10 x 14 cm (w x l) Supplied with 2 removable casting gates			
321050	U.V. transparent tray 10 x 8 cm (w x l) Supplied with 2 removable casting gates			
320700	Set of power leads			
340500	Separate gel Casting base with adjustable feet and bubble			

\* for a 5 mm thickness gel

## NUMBER OF COMBS AND GEL DIMENSIONS



Gel tray Cat. No. 321100  
4 comb slots

Gel tray Cat. No. 321050  
2 comb slots



Delrin Combs

## SUGGESTED POWER SUPPLIES (See details on page 4)

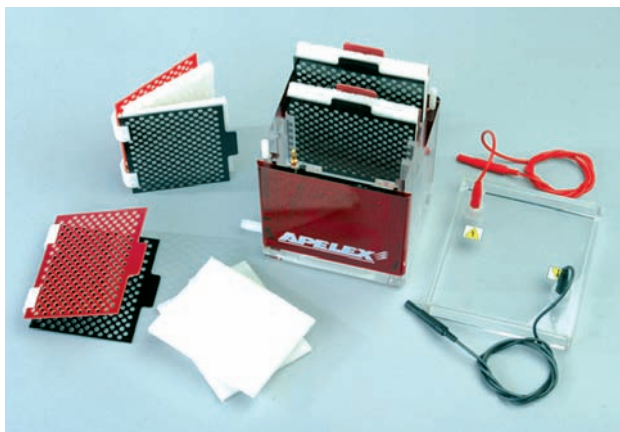


PS 304 Cat. No. 160500



PS 305 Cat. No. 170000

## SUGGESTED BLOTTING TANKS



Mini Transblotter Cat. No. 430000



Slim blotter Cat. No. 504001

## MIDIGEL XL

**APPLICATION:** Accommodates standard gels for both analytical and preparative studies of nucleic acid. Designed for separations of DNA and RNA restriction fragments in agarose gel as well as PCR® screening and RFLP.

- Short and long length separation according the selected Gel Tray.
- Gel tray 15 x 20 cm has 8 spaces for comb insertion.
- Gel tray 15 x 17 cm has 6 spaces for combs insertion.
- Gel tray 15 x 12 cm has 4 spaces for combs insertion.
- Gel tray 15 x 8 cm has 2 spaces for combs insertion.
- Conventional, compatible with multichannel pipettes and preparative combs.
- 4 adjustable feet and bubble level.
- Red strips for wells visualisation.
- Ports for buffer circulation.



### TECHNICAL SPECIFICATIONS

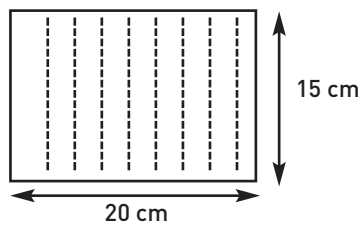
Buffer Volume	1 200 ml
Unit dimensions (w x l x h)	30 x 20 x 8 cm

### ORDERING INFORMATION

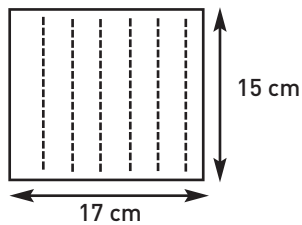
<b>370000</b>	<b>MIDIGEL XL. Includes:</b> removable U.V. transparent gel tray 15 x 17 cm (w x l), 2 removable casting gates, 2.0 mm thickness 27 teeth comb, sample volume 32 µl*, safety lid, set of power leads, buffer circulation accessories, user's manual			
<b>371000</b>	<b>MIDIGEL XL. Fully equipped with 6 combs Cat. No. 371601 for running 96 samples on a 15 x 17 cm gel. Includes:</b> removable U.V. transparent gel tray 15 x 17 cm (w x l), equipped by 2 removable casting gates, 6 x 1.0 mm thickness 16 teeth comb, compatible with multi-channel pipettes, sample volume 24 µl*, safety lid, set of power leads, buffer circulation accessories, user's manual			
	Thickness	Teeth	Sample volume*	Well width
371601	Comb 1.0 mm**	16	24 µl	6.0 mm
371602	Comb 2.0 mm**	16	48 µl	6.0 mm
371603	Comb 3.0 mm**	16	72 µl	6.0 mm
372701	Comb 1.0 mm	27	16 µl	4.0 mm
372702	Comb 2.0 mm	27	32 µl	4.0 mm
372703	Comb 3.0 mm	27	48 µl	4.0 mm
373201	Comb 1.0 mm**	32	14 µl	3.5 mm
37P111	Prep Comb 1.0 mm 1 sample/1 marker		140 µl/24 µl	138/5 mm
37P112	Prep Comb 2.0 mm 1 sample/1 marker		280 µl/48 µl	138/5 mm
37P113	Prep Comb 3.0 mm 1 sample/1 marker		420 µl/72 µl	138/5 mm
371520	U.V. transparent tray 15 x 20 cm (w x l) Supplied with 2 removable casting gates			
371517	U.V. transparent tray 15 x 17 cm (w x l) Supplied with 2 removable casting gates			
371512	U.V. transparent tray 15 x 12 cm (w x l) Supplied with 2 removable casting gates			
371507	U.V. transparent tray 15 x 8 cm (w x l) Supplied with 2 removable casting gates			
320700	Set of power leads			
340500	Separate gel Casting base with adjustable feet and bubble			

\* for a 5 mm thickness gel - \*\*compatible with multi-channel pipettes

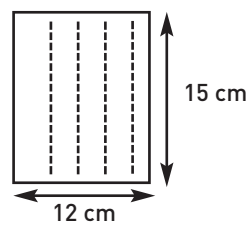
## NUMBER OF COMBS AND GEL DIMENSIONS



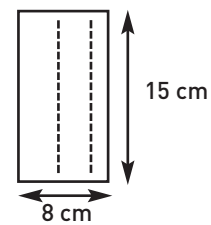
Gel tray Cat. No. 371520  
8 comb slots



Gel tray Cat. No. 371517  
6 comb slots



Gel tray Cat. No. 371512  
4 comb slots



Gel tray Cat. No. 371507  
2 comb slots

## SUGGESTED POWER SUPPLIES (See details on page 4)

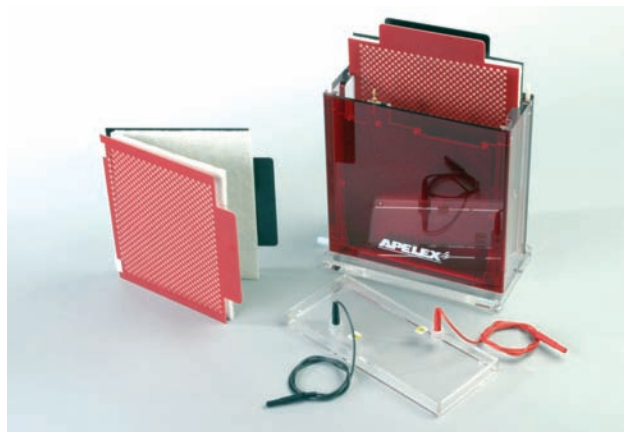


PS 304 Cat. No. 160500



PS 305 Cat. No. 170000

## SUGGESTED BLOTTING TANKS



Mini transblotter Cat. No. 440000



Slim blotter Cat. No. 504017

## MAXIGEL ECO 2

**APPLICATION:** DNA/RNA analysis and quick screening of all samples from 3 x 96 position PCR® thermal cycler on one gel, restriction fragments screening.

- Long length separation, 12 cm or 24 cm according the selected Gel Tray.
- Maximum number of samples 352 using 8 combs #334421 or #334422 compatible with multi-channels pipette.
- Gel tray 20 x 24 cm has 8 spaces for comb insertion.
- Gel tray 20 x 12 cm has 2 spaces for combs insertion.
- Combs 10, 20, 30 teeth and preparative models.
- Double combs 44 / 21 teeth compatible with multi-channel pipettes.
- 4 adjustable feet and bubble level.
- Red strips for wells visualisation.
- Ports for buffer circulation.



### TECHNICAL SPECIFICATIONS

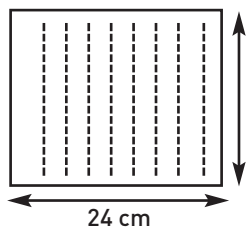
Buffer Volume	1 800 ml
Unit dimensions (w x l x h)	28 x 37 x 9 cm

### ORDERING INFORMATION

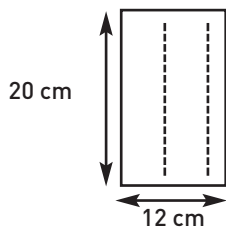
<b>341000</b>	<b>MAXIGEL ECO 2. Includes:</b> removable U.V. transparent gel tray 20 x 24 cm (w x l), 2 removable casting gates, 1.0 mm thickness double sided comb, 44/21 teeth, sample volume 14/24 µl* (Cat. No. 334421), safety lid, set of power leads, buffer circulation accessories, user's manual			
	<b>Thickness</b>	<b>Teeth</b>	<b>Sample volume*</b>	<b>Well width</b>
330101	Comb 1.0 mm	10	64 µl	16.0 mm
330102	Comb 2.0 mm	10	128 µl	16.0 mm
330103	Comb 3.0 mm	10	192 µl	16.0 mm
330201	Comb 1.0 mm	20	26 µl	6.5 mm
330202	Comb 2.0 mm	20	52 µl	6.5 mm
330203	Comb 3.0 mm	20	78 µl	6.5 mm
330301	Comb 1.0 mm	30	16 µl	4.0 mm
330302	Comb 2.0 mm	30	32 µl	4.0 mm
330303	Comb 3.0 mm	30	48 µl	4.0 mm
334421	Double Comb 1.0 mm**	44/21	14/24 µl	3.5/6 mm
334422	Double Comb 2.0 mm**	44/21	28/48 µl	3.5/6 mm
330412	Prep Comb 1.0 mm 1 sample/2 markers		360 µl/2 x 12 µl	90.0/3 mm
330414	Prep Comb 1.0 mm 2 samples/2 markers		160 µl/2 x 12 µl	40.0/3 mm
331100	U.V. transparent tray 20 x 24 cm (w x l) Supplied with 2 removable casting gates			
331050	U.V. transparent tray 20 x 12 cm (w x l) Supplied with 2 removable casting gates			
320700	Set of power leads			
340500	Separate gel Casting base with adjustable feet and bubble			

\* for a 5 mm thickness gel - \*\*compatible with multi-channel pipettes

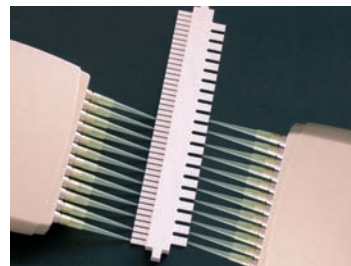
## NUMBER OF COMBS AND GEL DIMENSIONS



Gel tray Cat. No. 331100  
8 comb slots



Gel tray Cat. No. 331050  
2 comb slots



Double Combs #334421 and #334422. Both side are compatible with multi-channel pipettes 21 and 44 teeth

## SUGGESTED POWER SUPPLIES

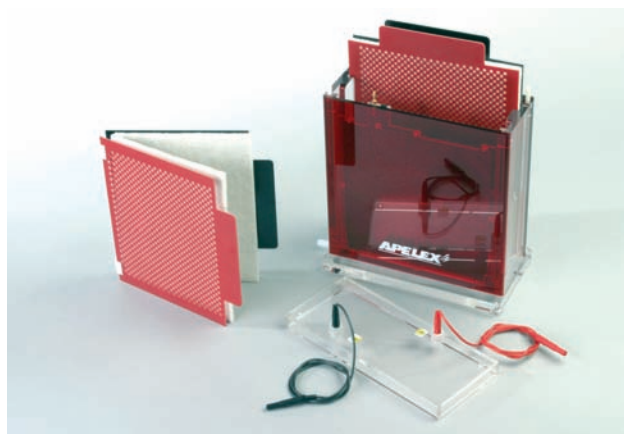


PS 304 Power Supply Cat. No. 160500



PS 305 Power Supply Cat. No. 170000

## SUGGESTED BLOTTING TANKS



Mini transblotter Cat. No. 440000



Slim blotter Cat. No. 504021

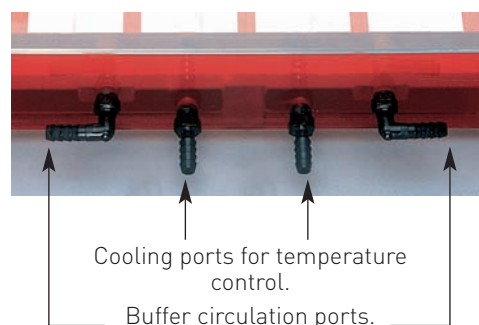
## MAXIGEL THERMO 2

**APPLICATION:** Designed for high resolution electrophoresis including DNA analysis and PCR® screening and long length separation of 24 cm. DNA/RNA analysis and quick screening of all samples from 3 x 96 position PCR® thermal cycler on one gel.

- Maximum number of samples 352 using 8 combs compatible with multichannels pipette.
- Gel tray 20 x 24 cm has 8 spaces for combs insertion.
- Gel tray 20 x 12 cm has 2 spaces for combs insertion.
- Combs 10, 20, 30 wells and preparative models.
- Double combs 44 / 21 teeth compatible with multichannel pipettes.
- 4 adjustable feet and bubble level.
- Ports for buffer circulation and cooling for temperature control.



Equipped with cooling built-in channel for buffer temperature control that can be maintained by circulating water through the base.



Cooling ports for temperature control.

Buffer circulation ports.

### TECHNICAL SPECIFICATIONS

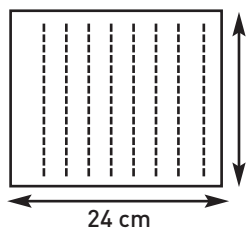
Buffer Volume	1 800 ml
Unit dimensions (w x l x h)	28 x 37 x 9 cm

### ORDERING INFORMATION

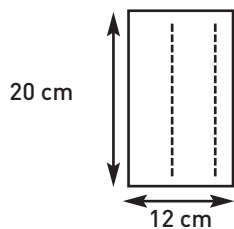
<b>331000</b>	<b>MAXIGEL THERMO 2. Includes:</b> removable U.V. transparent gel tray 20 x 24 cm (w x l), 2 removable casting gates, 1.0 mm thickness double sided comb, 44/21 teeth, sample volume 14/24 µl* (Cat. No. 334421), safety lid, set of power leads, buffer circulation accessories, user's manual			
	<b>Thickness</b>	<b>Teeth</b>	<b>Sample volume*</b>	<b>Well width</b>
330101	Comb 1.0 mm	10	64 µl	16.0 mm
330102	Comb 2.0 mm	10	128 µl	16.0 mm
330103	Comb 3.0 mm	10	192 µl	16.0 mm
330201	Comb 1.0 mm	20	26 µl	6.5 mm
330202	Comb 2.0 mm	20	52 µl	6.5 mm
330203	Comb 3.0 mm	20	78 µl	6.5 mm
330301	Comb 1.0 mm	30	16 µl	4.0 mm
330302	Comb 2.0 mm	30	32 µl	4.0 mm
330303	Comb 3.0 mm	30	48 µl	4.0 mm
334421	Double Comb 1.0 mm**	44/21	14/24 µl	3.5/6 mm
334422	Double Comb 2.0 mm**	44/21	28/48 µl	3.5/6 mm
330412	Prep Comb 1.0 mm 1 sample/2 markers		360 µl/2 x 12 µl	90.0/3 mm
330414	Prep Comb 1.0 mm 2 samples/2 markers		160 µl/2 x 12 µl	40.0/3 mm
331100	U.V. transparent tray 20 x 24 cm (w x l) Supplied with 2 removable casting gates			
331050	U.V. transparent tray 20 x 12 cm (w x l) Supplied with 2 removable casting gates			
320700	Set of power leads			
340500	Separate gel Casting base with adjustable feet and bubble			
115612	Cooler F12ED working temp. range -20 +100°C Pump rate 15L/min. 0.35 bar			

\* for a 5 mm thickness gel - \*\*compatible with multi-channel pipettes

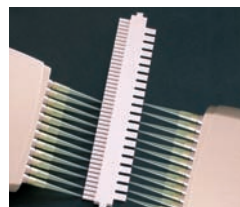
## NUMBER OF COMBS AND GEL DIMENSIONS



Gel tray Cat. No. 331100  
8 comb slots



Gel tray Cat. No. 331050  
2 comb slots



Double Combs #334421 and #334422  
Both side are compatible with  
multi-channel pipettes 21 and 44 teeth



Cooler F12-ED

## SUGGESTED POWER SUPPLIES

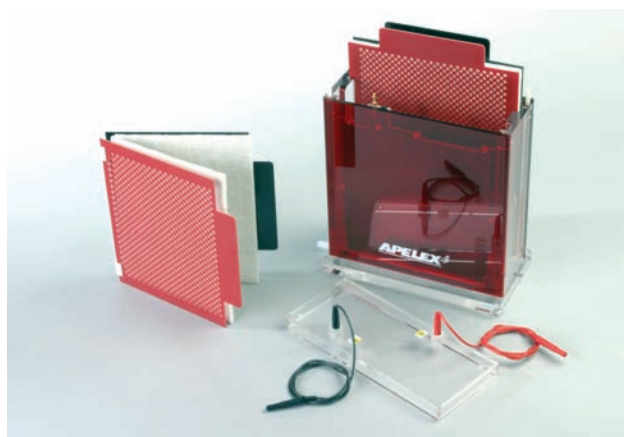


PS 304 Cat. No. 160500



PS 305 Cat. No. 170000

## SUGGESTED BLOTTING TANKS



Mini transblotter Cat. No. 440000

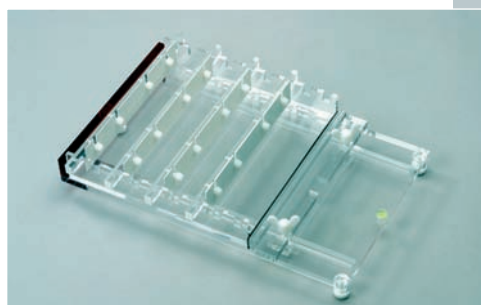
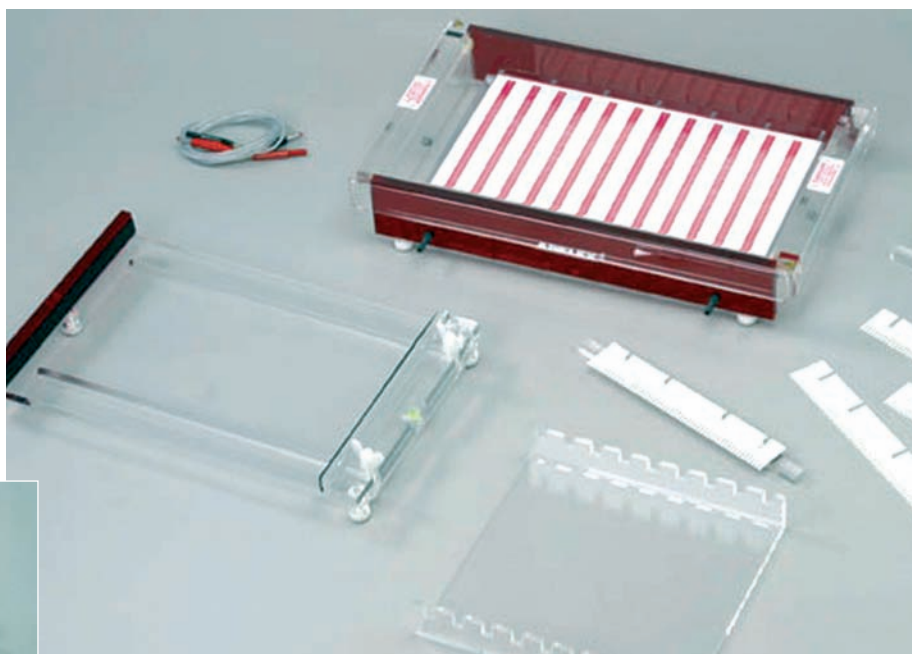


Slim blotter Cat. No. 504021

## SUPER MAXIGEL

### UP TO 624 SAMPLES!

**APPLICATION:** Designed for high resolution electrophoresis including DNA analysis, PCR® screening and long length separation of 36 cm. DNA/RNA analysis and quick screening of all samples from up to five 96 position PCR® thermal cycler on one gel.



Gel tray + 4 Combs installed into the Casting base (Cat. No. 262400) ready before pouring Agarose Gel.

#### TECHNICAL SPECIFICATIONS

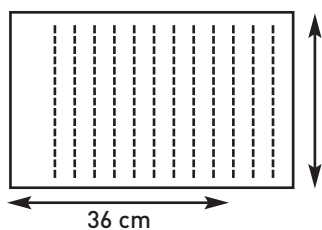
Buffer Volume	2 000 ml
Unit dimensions (w x l x h)	48 x 29 x 9 cm

#### ORDERING INFORMATION

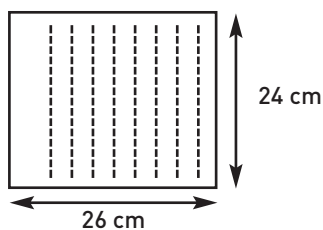
<b>260000</b>	<b>SUPER MAXIGEL Set. Includes:</b>			
<b>262526</b>	Removable U.V. transparent gel tray 24,5 x 26 cm (w x l)			
<b>2615215</b>	4 x combs 52 teeth thickness 1 mm, compatible with multi-channel pipettes and 4 x combs holder with nylon screws			
<b>260270</b>	Safety lid			
<b>320700</b>	Set of power leads			
<b>260280</b>	Accessories for buffer circulation			
<b>262400</b>	<b>Includes also:</b> Casting gel base with adjustable feet and bubble designed to hold gel tray 24.5 x 16 cm, 24.5 x 26 cm, 24.5 x 36 cm and all gel trays of our DNA range			
	Thickness	Teeth	Sample volume*	Well width
2615215	Comb 1.0 mm	52	13 µl	3.0 mm
2615225	Comb 2.0 mm	52	26 µl	3.0 mm
2612615	Comb 1.0 mm	26	30 µl	7.0 mm
2612625	Comb 2.0 mm	26	60 µl	7.0 mm
261525	Comb holder with 4 nylon screws (without comb)			
262516	U.V. transparent Gel Tray 24.5 x 16 cm (w x l) Designed for 4 comb			
262526	U.V. transparent Gel Tray 24.5 x 26 cm (w x l) Designed for 8 combs			
262536	U.V. transparent Gel Tray 24.5 x 36 cm (w x l) Designed for 12 combs			
262400	Separate gel Casting base with adjustable feet and bubble (See page 13)			
320700	Set of power leads			
260270	Safety lid			
260280	Set of accessories for buffer circulation			
115612	Cooler F12ED working temp. range -20 +100°C Pump rate 15L/min. 0.35 bar			

\* for a 5 mm thickness gel

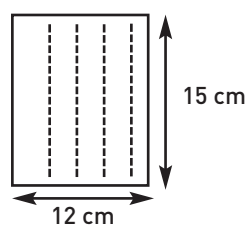
## NUMBER OF COMBS AND GEL DIMENSIONS



Gel tray Cat. No. 262536  
12 comb slots



Gel tray Cat. No. 262526  
8 comb slots



Gel tray Cat. No. 262516  
4 comb slots

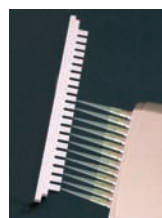


Cooler F12-ED



Cooling ports for  
temperature control  
with the F12ED

Ports for buffer  
circulation



Comb 26 teeth compatible  
with multi channel pipettes



Comb 52 teeth compatible  
with multi channel pipettes

## SUGGESTED POWER SUPPLY



PS 608 Cat. No. 173000