



multiSUB maxi

The multiSUB Maxi is primarily designed for resolution of high numbers of samples such as from Cloning or PCR. The multiSUB Maxi allows ultra high-resolution separations over extended runs. Tray sizes correspond to standard blotter sizes. It also allows easy sample transfer onto a membrane for further analysis.

Four gel tray sizes are available – **20 x 10cm, 20 x 15cm, 20 x 20cm and 20 x 25cm**. Multichannel pipette compatible combs up to 40 sample 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 MultiSub™ unit is in use for gel running.

Technical Specifications

Gel dimensions (w x L)	20 x 10cm 20 x 15cm	20 x 20cm 20 x 25cm
Unit dimensions (W x L x H)	23 x 39.5 x 9cm	
Max. sample CAPACITY	20 x 10cm - 200 samples 20 x 15cm - 350 samples 20 x 20cm - 450 samples 20 x 25cm - 550 samples	
Buffer volume	1200ml	
Combs available: No. of samples Thicknesses	1, 2, 4, 10, 16, 20MC, 25, 30, 36, 40MC, 50 0.75mm, 1mm, 1.5mm, 2mm	

- Now available with 20 x 25cm, 20 x 20cm, 20 x 15cm or 20 x 10cm gel trays
- Run up to 550 samples
- Low buffer volumes
- Ideal for extended separations

Typical Applications

Primarily designed for separating high numbers of samples from PCR or cloning

Ordering Information

MSMAXI10 multiSUB Maxi	20 x 10cm UV Tray, 2 x 20 sample, 1mm thick combs, casting dams, loading guides				
MSMAXI15 multiSUB Maxi	20 x 15cm UV Tray, 2 x 20 sample, 1mm thick combs, casting dams, loading guides				
MSMAXI20 multiSUB Maxi	20 x 20cm UV Tray, 2 x 20 sample, 1mm thick combs, casting dams, loading guides				
MSMAXIDUO multiSUB Maxi	20 x 10 & 20 x 20cm UV Tray, 2 x 20 sample, 1mm thick combs, casting dams, loading guides				
MSMAXI25 multiSUB Maxi	20 x 25cm UV Tray, 2 x 20 sample, 1mm thick combs, casting dams, loading guides				
MS20-UV10	<i>20 x 10cm UV Tray</i>	MS20-LG	<i>Adhesive Loading Guides</i>	MSMAXICP	<i>Cool-Pack and Platform</i>
MS20-UV15	<i>20 x 15cm UV Tray</i>	MS20-WP	<i>Viewing Platform</i>	MSMAXIBSB	<i>Buffer Saver Blocks pk/2</i>
MS20-UV20	<i>20 x 20cm UV Tray</i>	MS20-PE	<i>Positive Electrode</i>		<i>saves 450ml of buffer</i>
MS20-UV25	<i>20 x 25cm UV Tray</i>	MS20-NE	<i>Negative Electrode</i>	MS20-x -yLG	<i>Combi Comb and Loading Guide;</i>
MS20-UVDAM	<i>Casting Dams</i>	MS20-UVS	<i>20cm UV Gel Scoop</i>		<i>x = comb well no., y = comb thickness</i>
MS15/20-FC	<i>multiSUB Choice/Maxi Flexi caster</i>				

Code	Description	Sample Volume for a 5mm thick gel	Code	Description	Sample Volume for a 5mm thick gel
MS20-1-0.75	Comb Prep 1, Marker 1, 0.75mm thick	506µl	MS20-1-1.5	Comb Prep 1, Marker 1, 1.5mm thick	1013µl
MS20-2-0.75	Comb Prep 2, Marker 2, 0.75mm thick	236µl	MS20-2-1.5	Comb Prep 2, Marker 2, 1.5mm thick	473µl
MS20-4-0.75	Comb Prep 4, Marker 2, 0.75mm thick	115µl	MS20-4-1.5	Comb Prep 4, Marker 2, 1.5mm thick	230µl
MS20-10-0.75	Comb 10 sample, 0.75mm thick	54µl	MS20-10-1.5	Comb 10 sample, 1.5mm thick	108µl
MS20-16-0.75	Comb 16 sample, 0.75mm thick	30µl	MS20-16-1.5	Comb 16 sample, 1.5mm thick	61µl
MS20-20MC-0.75	Comb 20 sample MC, 0.75mm thick	20µl	MS20-20MC-1.5	Comb 20 sample MC, 1.5mm thick	41µl
MS20-25-0.75	Comb 25 sample, 0.75mm thick	16µl	MS20-25-1.5	Comb 25 sample, 1.5mm thick	32µl
MS20-30-0.75	Comb 30 sample, 0.75mm thick	13µl	MS20-30-1.5	Comb 30 sample, 1.5mm thick	26µl
MS20-36-0.75	Comb 36 sample, 0.75mm thick	11µl	MS20-36-1.5	Comb 36 sample, 1.5mm thick	22µl
MS20-40MC-0.75	Comb 40 sample MC, 0.75mm thick	8µl	MS20-40MC-1.5	Comb 40 sample MC, 1.5mm thick	17µl
MS20-50-0.75	Comb 50 sample, 0.75mm thick	8µl	MS20-50-1.5	Comb 50 sample, 1.5mm thick	16µl
MS20-1-1	Comb Prep 1, Marker 1, 1mm thick	675µl	MS20-1-2	Comb Prep 1, Marker 1, 2mm thick	1350µl
MS20-2-1	Comb Prep 2, Marker 2, 1mm thick	315µl	MS20-2-2	Comb Prep 2, Marker 2, 2mm thick	630µl
MS20-4-1	Comb Prep 4, Marker 2, 1mm thick	153µl	MS20-4-2	Comb Prep 4, Marker 2, 2mm thick	306µl
MS20-10-1	Comb 10 sample, 1mm thick	72µl	MS20-10-2	Comb 10 sample, 2mm thick	144µl
MS20-16-1	Comb 16 sample, 1mm thick	41µl	MS20-16-2	Comb 16 sample, 2mm thick	81µl
MS20-20MC-1	Comb 20 sample MC, 1mm thick	27µl	MS20-20MC-2	Comb 20 sample MC, 2mm thick	54µl
MS20-25-1	Comb 25 sample, 1mm thick	21µl	MS20-25-2	Comb 25 sample, 2mm thick	42µl
MS20-30-1	Comb 30 sample, 1mm thick	17µl	MS20-30-2	Comb 30 sample, 2mm thick	34µl
MS20-36-1	Comb 36 sample, 1mm thick	14µl	MS20-36-2	Comb 36 sample, 2mm thick	29µl
MS20-40MC-1	Comb 40 sample MC, 1mm thick	11µl	MS20-40MC-2	Comb 40 sample MC, 2mm thick	23µl
MS20-50-1	Comb 50 sample, 1mm thick	10µl	MS20-50-2	Comb 50 sample, 2mm thick	21µl