

multisub

- AVAILABLE WITH 7 x 7CM, 7 x 10CM OR WITH BOTH GEL TRAYS
- ECONOMIC LOW GEL AND BUFFER VOLUMES
- SMALL LAB BENCH FOOTPRINT

Technical Specifications

GEL DIMENSIONS, (W x L)	7 x 7cm 7 x 10cm
UNIT DIMENSIONS	21 x 9 x 9cm (W x D x H)
MAX. SAMPLE CAPACITY	7 x 7cm TRAY – 32 SAMPLES 7 x 10cm TRAY – 64 SAMPLES
BUFFER VOLUME	225ML
COMBS AVAILABLE : No. OF SAMPLES THICKNESSES	1, 2, 4, 8MC, 8, 10, 12MC, 16 0.75, 1, 1.5, 2mm

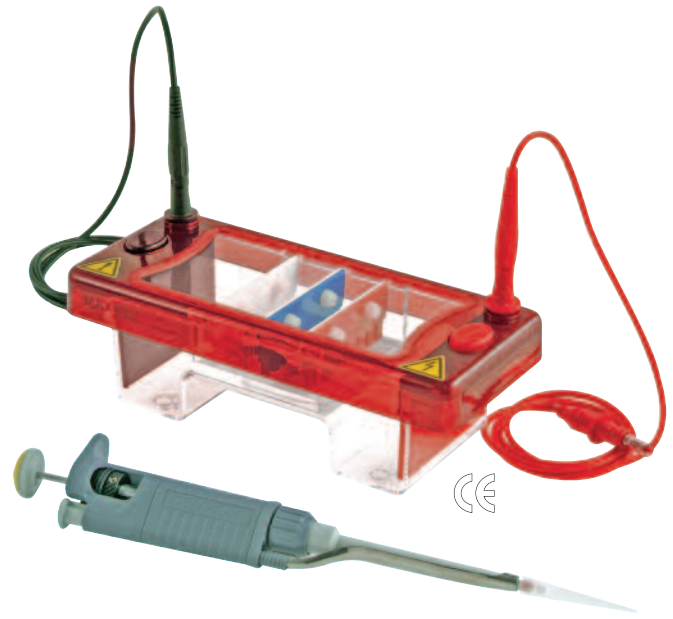
Typical Applications

Designed for quick checks of low to medium numbers of samples

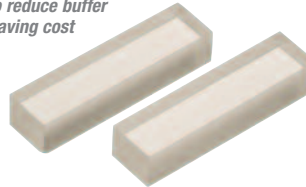
MINI

multiSUB Mini is designed for low to medium numbers of samples.

The small gel size maximises run economy but does not compromise versatility as two tray options are available – 7 x 7cm and 7 x 10cm, and combs ranging from preparative up to 16 samples. Simply by altering the gel tray or comb, this compact unit is capable of resolving up to 64 different samples, prepping 1ml of sample or separating sample bands over a distance of 9cm.



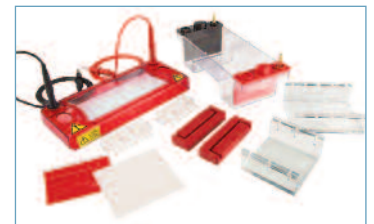
Buffer Saver Blocks physically reduce the volume of a gel chamber and so reduce buffer requirements, saving cost



Flexicaster Mini/Midi allows casting of gel lengths up to 10cm



molecular grade agarose, see page 24



components of multiSUB Mini Duo

ORDERING INFORMATION

BCMSMINI7	multiSUB Mini , 7 x 7cm UV Tray, 2 x 8 sample combs, loading guides and dams				
BCMSMINI10	multiSUB Mini , 7 x 10cm UV Tray, 2 x 8 sample combs, loading guides and dams				
BCMSMINIDUO	multiSUB Mini , 7 x 7cm & 7 x 10cm UV Tray, 2 x 8 sample combs, loading guides and dams				
MS7-UV7	7 x 7cm UV Tray	MS7-LG	Adhesive Loading Guides	MS7/10-FC	multiSUB Mini/Midi Flexi caster
MS7-UV10	7 x 10cm UV Tray	MS7-WP	Viewing Platform	BCMSMINIXCS	ClearSight multiSUB MiniX, as above with
MS7-PE	Positive Electrode	MS7-UVS	7cm UV Gel Scoop		Fan & power source
MS7-NE	Negative Electrode	MSMINICP	Cool-pack and Platform		where 'X' should be replaced with '7', '10' or 'DUO'
MS7-UVDAM	Casting Dams, pk/2	MSMINIBSB	Buffer Saver Blocks, pk/2, saves 100ml of buffer		

Colour	CODE	DESCRIPTION	SAMPLE VOLUME FOR A 5MM THICK GEL
Black	MS7-1-0.75	Comb Prep 1, Marker 1, 0.75mm thick	152µl
	MS7-2-0.75	Comb Prep 2, Marker 2, 0.75mm thick	68µl
	MS7-4-0.75	Comb Prep 4, Marker 2, 0.75mm thick	36µl
	MS7-8MC-0.75	Comb 8 sample MC, 0.75mm thick	8µl
	MS7-8-0.75	Comb 8 sample, 0.75mm thick	19µl
	MS7-10-0.75	Comb 10 sample, 0.75mm thick	14µl
	MS7-12MC-0.75	Comb 12 sample MC, 0.75mm thick	10µl
MS7-16-0.75	Comb 16 sample, 0.75mm thick	7µl	
White	MS7-1-1	Comb Prep 1, Marker 1, 1mm thick	203µl
	MS7-2-1	Comb Prep 2, Marker 2, 1mm thick	90µl
	MS7-4-1	Comb Prep 4, Marker 2, 1mm thick	48µl
	MS7-8MC-1	Comb 8 sample MC, 1mm thick	11µl
	MS7-8-1	Comb 8 sample, 1mm thick	25µl
	MS7-10-1	Comb 10 sample, 1mm thick	18µl
	MS7-12MC-1	Comb 12 sample MC, 1mm thick	14µl
MS7-16-1	Comb 16 sample, 1mm thick	10µl	

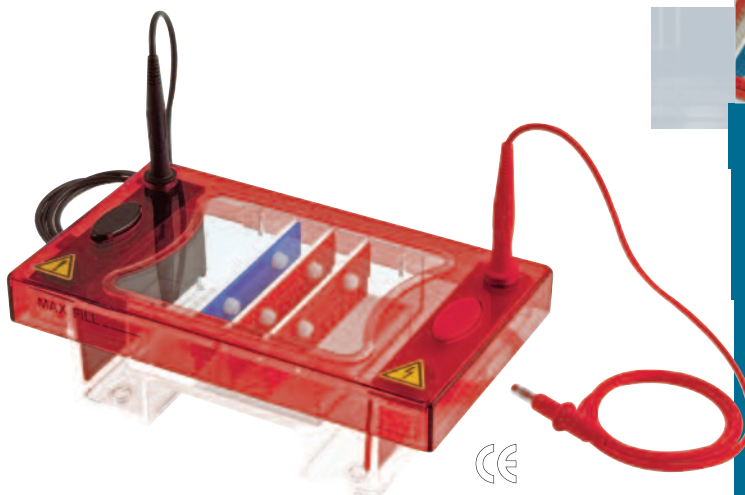
Colour	CODE	DESCRIPTION	SAMPLE VOLUME FOR A 5MM THICK GEL
Red	MS7-1-1.5	Comb Prep 1, Marker 1, 1.5mm thick	304µl
	MS7-2-1.5	Comb Prep 2, Marker 2, 1.5mm thick	135µl
	MS7-4-1.5	Comb Prep 4, Marker 2, 1.5mm thick	72µl
	MS7-8MC-1.5	Comb 8 sample MC, 1.5mm thick	17µl
	MS7-8-1.5	Comb 8 sample, 1.5mm thick	37µl
	MS7-10-1.5	Comb 10 sample, 1.5mm thick	27µl
	MS7-12MC-1.5	Comb 12 sample MC, 1.5mm thick	20µl
MS7-16-1.5	Comb 16 sample, 1.5mm thick	15µl	
Blue	MS7-1-2	Comb Prep 1, Marker 1, 2mm thick	405µl
	MS7-2-2	Comb Prep 2, Marker 2, 2mm thick	180µl
	MS7-4-2	Comb Prep 4, Marker 2, 2mm thick	96µl
	MS7-8MC-2	Comb 8 sample MC, 2mm thick	23µl
	MS7-8-2	Comb 8 sample, 2mm thick	50µl
	MS7-10-2	Comb 10 sample, 2mm thick	36µl
	MS7-12MC-2	Comb 12 sample MC, 2mm thick	27µl
MS7-16-2	Comb 16 sample, 2mm thick	20µl	

MIDI

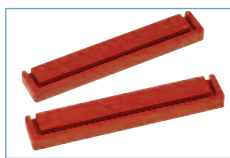
With gel tray options of 10 x 7cm and 10 x 10cm, multiSUB Midi has been designed for routine horizontal gel electrophoresis.

Extending only the width of this unit allows more samples to be resolved per gel than the multiSUB 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 those routinely checking medium numbers of samples over short to medium gel run lengths.



adhesive loading guides allow easy well identification and sample loading



casting dams allow gels to be rapidly cast externally while the multiSUB™ unit is in use for gel running



for Power Supplies and Product Selector see pages 48-49



reversible loading guides sit directly above each well to provide a convenient loading template for single- and multi-channel pipettes



- AVAILABLE WITH 10 x 7CM, 10 x 10CM OR WITH BOTH GEL TRAYS
- RUN UP TO 100 SAMPLES
- LOW BUFFER VOLUMES
- IDEAL FOR RAPID ELECTROPHORESIS

Technical Specifications

GEL DIMENSIONS, (W x L)	10 x 7CM 10 x 10CM
UNIT DIMENSIONS	22 x 12.5 x 9cm (W x D x H)
MAX. SAMPLE CAPACITY	10 x 7CM TRAY – 50 SAMPLES 10 x 10CM TRAY – 100 SAMPLES
BUFFER VOLUME	300ML
COMBS AVAILABLE :	
NO. OF SAMPLES	1, 2, 4, 8, 10MC, 12, 16, 20MC, 25
THICKNESSES	0.75, 1, 1.5, 2MM

Typical Applications

Ideal for quick checks of samples from PCR and cloning

ORDERING INFORMATION

BCMSMIDI7	multiSUB Midi, 10 x 7cm UV Tray, 2 x 16 sample combs, loading guides and dams				
BCMSMIDI10	multiSUB Midi, 10 x 10cm UV Tray, 2 x 16 sample combs, loading guides and dams				
BCMSMIDI10DUO	multiSUB Midi, 10 x 7cm & 10 x 10cm UV Tray, 2 x 16 sample combs, loading guides and dams				
MS10-UV7	10 x 7cm UV Tray	MS10-LG	Adhesive Loading Guides	MSMIDIBSB	Buffer Saver Blocks, pk/2, saves 100ml of buffer
MS10-UV10	10 x 10cm UV Tray	MS10-WP	Viewing Platform	BCMSMIDI10XCS	ClearSight multiSUB MidiX, as above with Fan & power source
MS10-PE	Positive Electrode	MS10-UVS	10cm UV Gel Scoop		where 'X' should be replaced with '7', '10' or 'DUO'
MS10-NE	Negative Electrode	MS7/10-FC	multiSUB Mini/Midi Flexicaster		
MS10-UVDAM	Casting Dams, pk/2	MSMIDICP	Cool-Pack and Platform		

Colour	CODE	DESCRIPTION	SAMPLE VOLUME FOR A 5MM THICK GEL
Black	MS10-1-0.75	Comb Prep 1, Marker 1, 0.75mm thick	270µl
	MS10-2-0.75	Comb Prep 2, Marker 2, 0.75mm thick	118µl
	MS10-4-0.75	Comb Prep 4, Marker 2, 0.75mm thick	57µl
	MS10-8-0.75	Comb 8 sample, 0.75mm thick	30µl
	MS10-10MC-0.75	Comb 10 sample MC, 0.75mm thick	20µl
	MS10-12-0.75	Comb 12 sample, 0.75mm thick	17µl
	MS10-16-0.75	Comb 16 sample, 0.75mm thick	12µl
	MS10-20MC-0.75	Comb 20 sample MC, 0.75mm thick	10µl
	MS10-25-0.75	Comb 25 sample, 0.75mm thick	7µl
	White	MS10-1-1	Comb Prep 1, Marker 1, 1mm thick
MS10-2-1		Comb Prep 2, Marker 2, 1mm thick	158µl
MS10-4-1		Comb Prep 4, Marker 2, 1mm thick	77µl
MS10-8-1		Comb 8 sample, 1mm thick	41µl
MS10-10MC-1		Comb 10 sample MC, 1mm thick	27µl
MS10-12-1		Comb 12 sample, 1mm thick	23µl
MS10-16-1		Comb 16 sample, 1mm thick	16µl
MS10-20MC-1		Comb 20 sample MC, 1mm thick	14µl
MS10-25-1		Comb 25 sample, 1mm thick	10µl

Colour	CODE	DESCRIPTION	SAMPLE VOLUME FOR A 5MM THICK GEL
Red	MS10-1-1.5	Comb Prep 1, Marker 1, 1.5mm thick	540µl
	MS10-2-1.5	Comb Prep 2, Marker 2, 1.5mm thick	236µl
	MS10-4-1.5	Comb Prep 4, Marker 2, 1.5mm thick	115µl
	MS10-8-1.5	Comb 8 sample, 1.5mm thick	61µl
	MS10-10MC-1.5	Comb 10 sample MC, 1.5mm thick	41µl
	MS10-12-1.5	Comb 12 sample, 1.5mm thick	34µl
	MS10-16-1.5	Comb 16 sample, 1.5mm thick	24µl
	MS10-20MC-1.5	Comb 20 sample MC, 1.5mm thick	20µl
	MS10-25-1.5	Comb 25 sample, 1.5mm thick	15µl
	Blue	MS10-1-2	Comb Prep 1, Marker 1, 2mm thick
MS10-2-2		Comb Prep 2, Marker 2, 2mm thick	315µl
MS10-4-2		Comb Prep 4, Marker 2, 2mm thick	153µl
MS10-8-2		Comb 8 sample, 2mm thick	81µl
MS10-10MC-2		Comb 10 sample, 2mm thick	54µl
MS10-12-2		Comb 12 sample, 2mm thick	45µl
MS10-16-2		Comb 16 sample, 2mm thick	32µl
MS10-20MC-2		Comb 20 sample MC, 2mm thick	27µl
MS10-25-2		Comb 25 sample, 2mm thick	20µl

MC = multichannel pipette compatible

high throughput

MIDI 96

- DESIGNED FOR LOADING OF DNA SAMPLES FROM MULTI-WELL PLATES
- IDEAL FOR HIGH THROUGHPUT ELECTROPHORESIS
- AVERAGE RUN-TIME IS JUST 15 TO 30 MINUTES
- DIRECT MICROPLATE FORMAT FOR EASY LANE IDENTIFICATION
- MULTI-CHANNEL PIPETTE COMPATIBLE COMBS FOR SPEED LOADING



Higher capacity Stretch models now available



Technical Specifications

GEL DIMENSIONS (W x L)	MSMIDI96	10 x 12cm
	MSMIDI96ST	10 x 24cm
UNIT DIMENSIONS (W x D x H)	MSMIDI96	22 x 12.5 x 9cm
	MSMIDI96ST	12.5 x 46.5 x 8cm
MAX. SAMPLE CAPACITY	96 SAMPLES PLUS 1 OR 2 MARKER LANES	
BUFFER VOLUME (W x L)	MSMIDI96	200ML
	MSMIDI96ST	700ML BLOCKS
COMBS AVAILABLE		
NO. OF SAMPLES	8 + 1x MARKER, 8 + 2x MARKERS	
THICKNESSES	1, 1.5mm	



multiSUB Midi 96 Gel System is ideal for high throughput electrophoresis of PCR products or samples containing a small number of DNA bands.

Its 10x12cm (W x L) gel dimensions and 96-well comb block format correspond to the standard microplate configuration. Two different types of comb are available: option one which has 8 wells and one additional lane for DNA markers and option two which has 8 wells and 2 additional lanes for markers. The offset layout of the wells allows a maximum run length of 1.8cm per well, resulting in improved separation.

multiSUB Midi 96 can accommodate samples from a 96-well plate – samples can be loaded directly using 8-channel pipettes. As with all multiSUB units, leak-proof casting is simplified using the supplied casting dams while their ultra-compact size minimises buffer usage and bench space requirements.

Midi 96 Stretch Systems allow extended run lengths per well of up to 3.6cm, or for loading of samples from two 96-well plates.

Typical Applications

Ideal for analysis of up to 96 PCR-fragment length polymorphisms loaded from 96-well microplates or thermal cycler blocks



After pouring gel, the 96 well comb is inserted and the gel is allowed to set
Samples are loaded using a multichannel pipette
After removing dams, running tray is transferred to the gel chamber and the lid positioned ready for electrophoresis



ORDERING INFORMATION

BCMSMIDI96	multiSUB Midi 96 , UV tray, Comb block with 12 x 8 sample, 1mm thick combs, casting dams		
BCMSMIDI961.5	multiSUB Midi 96 , UV tray, Comb block with 12 x 8 sample, 1.5mm thick combs, casting dams. Combs have one marker lane		
BCMSMIDI96/2M	multiSUB Midi 96 , UV tray, Comb block with 12 x 8 sample, 1mm thick combs, casting dams. Combs have two marker lanes		
BCMSMIDI96/1.5/2M	multiSUB Midi 96 , UV tray, Comb block with 12 x 8 sample, 1.5mm thick combs, casting dams. Combs have two marker lanes		
BCMSMIDI96ST	multiSUB Midi 96 Stretch , UV tray, Comb block with 12 x 8 sample, 1mm thick combs, casting dams		
BCMSMIDI96ST1.5	multiSUB Midi 96 Stretch , UV tray, Comb block with 12 x 8 sample, 1.5mm thick combs, casting dams. Combs have one marker lane		
BCMSMIDI96ST/2M	multiSUB Midi 96 Stretch , UV tray, Comb block with 12 x 8 sample, 1mm thick combs, casting dams. Combs have two marker lanes		
BCMSMIDI96ST/1.5/2M	multiSUB Midi 96 Stretch , UV tray, Comb block with 12 x 8 sample, 1.5mm thick combs, casting dams. Combs have two marker lanes		
BCMSMIDI96STDBL	multiSUB Midi 96 Stretch , UV tray, Comb block with 24 x 8 sample, 1mm thick combs, casting dams - Note: run length = 1.8cm.		
MS10-UV96	Multi Sub Midi, 96 Well Tray	MS10-UV96ST	Multi Sub Midi STRETCH, 96 Well Tray
Comb Blocks			
MSMIDI96-8-1-CB	MSMIDI 96 Comb 8 sample MC + 1 Marker, 1mm thick	MSMIDI96ST-8-1-CB*	MSMIDI 96 STRETCH Comb 8 sample MC + 1 Marker, 1mm thick
MSMIDI96-8-1.5-CB	MSMIDI 96 Comb 8 sample MC + 1 Marker, 1.5mm thick	MSMIDI96ST-8-1-CB*	MSMIDI 96 STRETCH Comb 8 sample MC + 1 Marker, 1.5mm thick
MSMIDI96-8-1/2M-CB	MSMIDI 96 Comb 8 sample MC + 2 Marker, 1mm thick	MSMIDI96ST-8-1.5/2M-CB*	MSMIDI 96 STRETCH Comb 8 sample MC + 2 Marker, 1mm thick
MSMIDI96-8-1.5/2M-CB	MSMIDI 96 Comb 8 sample MC + 2 Marker, 1.5mm thick	MSMIDI96ST-8-1.5/2M-CB*	MSMIDI 96 STRETCH Comb 8 sample MC + 2 Marker, 1.5mm thick
Combs			
MSMIDI96-8-1	MSMIDI 96 Comb 8 sample MC, 1mm thick, 1 marker lane	MSMIDI96-8-1/2M	MSMIDI 96 Comb 8 sample MC, 1mm thick, 2 marker lanes
MSMIDI96-8-1.5	MSMIDI 96 Comb 8 sample MC, 1.5mm thick, 1 marker lane	MSMIDI96-8-1.5/2M	MSMIDI 96 Comb 8 sample MC, 1.5mm thick 2 marker lanes

*Stretch blocks fit in the Stretch Units only

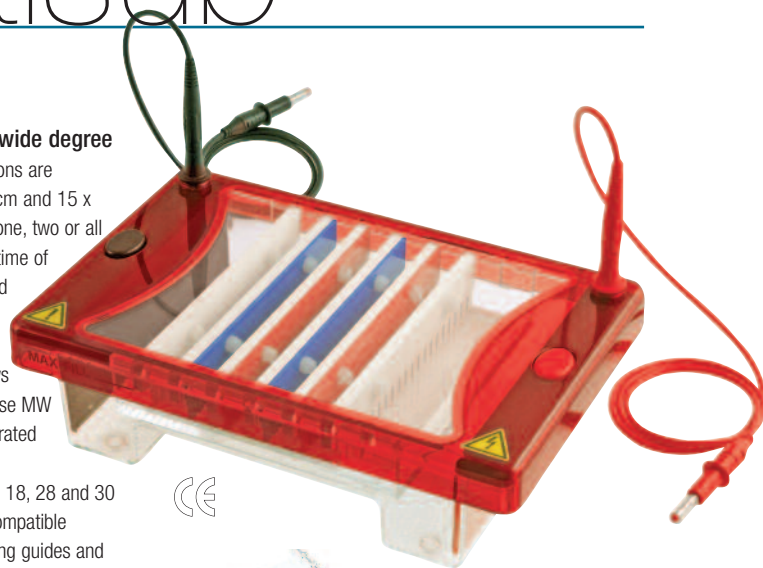
multisub

- THREE TRAY OPTIONS
- RUN UP TO 210 SAMPLES
- LOW BUFFER VOLUMES
- MULTICHANNEL PIPETTE COMPATIBLE COMBS FOR SPEED LOADING

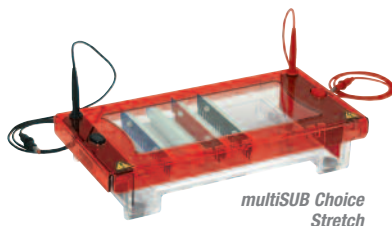
CHOICE

multiSUB Choice offers a wide degree of versatility. Three tray options are available - 15 x 7cm, 15 x 10cm and 15 x 15cm - allowing the choice of one, two or all three gel length options at the time of purchase. Maximising comb and tray options allow up to 210 samples to be resolved per gel. The 15cm total run length allows restriction fragment or other close MW sample bands to be easily separated and identified. Speed loading is accomplished using 10, 14, 16, 18, 28 and 30 sample multi-channel pipette compatible combs. All models include loading guides and casting dams.

Fabricated STRETCH units are available with optional 15 x 20cm and 15 x 25cm gel trays and four 28-sample combs for those wishing to perform higher resolution separation of more samples over a longer distance.



multiSUB Choice Trio includes all 3 tray sizes for optimum versatility and value



multiSUB Choice Stretch



low cost gel documentation system, see page 52-55

Technical Specifications

GEL DIMENSIONS, (W x L)	15 x 7cm; 15 x 10cm; 15 x 15cm (TRIO) 15 x 20cm; 15 x 25cm (STRETCH MODELS)
UNIT DIMENSIONS (W x D x H)	26.5 x 17.5 x 9cm (TRIO) 26.5 x 41 x 9cm (STRETCH MODELS)
MAX. SAMPLE	15 x 7cm TRAY – 70 SAMPLES CAPACITY 15 x 10cm TRAY – 140 SAMPLES 15 x 15cm TRAY – 210 SAMPLES 15 x 20cm TRAY – 280 SAMPLES 15 x 25cm TRAY – 350 SAMPLES
BUFFER VOLUME	500ML; 1000ML (STRETCH)
COMBS AVAILABLE:	
NO. OF SAMPLES	1, 2, 4, 10, 10MC, 12, 14MC, 16MC, 18MC, 20, 28MC, 30MC
THICKNESSES	0.75, 1, 1.5, 2MM

Typical Applications

Ideal for restriction fragment analysis, sample prep or checking of high numbers of samples

ORDERING INFORMATION

BCMSCHOICE7	multiSUB Choice , 15 x 7cm UV Tray, 2 x 20 sample combs*	BCMSCHOICETRIO	multiSUB Choice Trio , 15 x 7, 10 & 15cm UV Tray, 2 x 20 sample combs*		
BCMSCHOICE10	multiSUB Choice , 15 x 10cm UV Tray, 2 x 20 sample combs*	BCMSCHOICEST20	multiSUB Stretch20 , 15 x 20cm UV Tray, 4 x 28 sample combs*		
BCMSCHOICE15	multiSUB Choice , 15 x 15cm UV Tray, 2 x 20 sample combs*	BCMSCHOICEST25	multiSUB Stretch25 , 15 x 25cm UV Tray, 4 x 28 sample combs*		
MS15-UV7	15 x 7cm UV Tray	MS15-PE	Positive Electrode	MS15/20-FC	multiSUB Choice/Maxi Flexi caster
MS15-UV10	15 x 10cm UV Tray	MS15-NE	Negative Electrode	BCMSCHOICEXCS	ClearSight multiSUB ChoiceX, as above with Fan & power source.
MS15-UV15	15 x 15cm UV Tray	MS15-LG	Adhesive Loading Guides		where 'X' should be replaced with '7', '10', '15', '20', '25' or 'TR'
MS15-UVST20	15 x 20 cm UV Tray	MS15-UVS	15cm UV Gel Scoop		
MS15-UVST25	15 x 25 cm UV Tray	MSCHOICECP	Cool-Pack and Platform		
MS15-UVDAM	Casting Dams, pk/2	MSCHOICEBSB	Buffer Saver Blocks pk/2, saves 190ml of buffer		

COLOUR	CODE	DESCRIPTION	SAMPLE VOLUME FOR A 5MM THICK GEL	COLOUR	Code	Description	SAMPLE VOLUME FOR A 5MM THICK GEL		
Black	MS15-1-0.75	Comb Prep 1, Marker 1, 0.75mm thick	371µl	Red	MS15-1-1.5	Comb Prep 1, Marker 1, 1.5mm thick	743µl		
	MS15-2-0.75	Comb Prep 2, Marker 2, 0.75mm thick	169µl		MS15-2-1.5	Comb Prep 2, Marker 2, 1.5mm thick	338µl		
	MS15-4-0.75	Comb Prep 4, Marker 2, 0.75mm thick	91µl		MS15-4-1.5	Comb Prep 4, Marker 2, 1.5mm thick	182µl		
	MS15-10-0.75	Comb 10 sample, 0.75mm thick	34µl		MS15-10-1.5	Comb 10 sample, 1.5mm thick	68µl		
	MS15-12-0.75	Comb 12 sample, 0.75mm thick	30µl		MS15-12-1.5	Comb 12 sample, 1.5mm thick	61µl		
	MS15-20-0.75	Comb 20 sample, 0.75mm thick	16µl		MS15-20-1.5	Comb 20 sample, 1.5mm thick	32µl		
	MS15-35-0.75	Comb 35 sample, 0.75mm thick	7µl		MS15-35-1.5	Comb 35 sample, 1.5mm thick	15µl		
	MS15-10MC-0.75	Comb 10 sample MC, 0.75mm thick	22µl		MS15-10MC-1.5	Comb 10 sample MC, 1.5mm thick	44µl		
	MS15-14MC-0.75	Comb 14 sample MC, 0.75mm thick	22µl		MS15-14MC-1.5	Comb 14 sample MC, 1.5mm thick	44µl		
	MS15-16MC-0.75	Comb 16 sample MC, 0.75mm thick (DuoComb - 17MC on reverse)	20µl		MS15-16MC-1.5	Comb 16 sample, 1.5mm thick (DuoComb - 17MC on reverse)	41µl		
	MS15-18MC-0.75	Comb 18 sample MC, 0.75mm thick (DuoComb - 17MC on reverse)	8µl		MS15-18MC-1.5	Comb 18 sample MC, 1.5mm thick (DuoComb - 17MC on reverse)	41µl		
	MS15-28MC-0.75	Comb 28 sample MC, 0.75mm thick	8µl		MS15-28MC-1.5	Comb 28 sample MC, 1.5mm thick	17µl		
	MS15-30MC-0.75	Comb 30 sample MC, 0.75mm thick	9µl		MS15-30MC-1.5	Comb 30 sample MC, 1.5mm thick	17µl		
	Blue	MS15-1-1	Comb Prep 1, Marker 1, 1mm thick		495µl	Blue	MS15-1-2	Comb Prep 1, Marker 1, 2mm thick	990µl
		MS15-2-1	Comb Prep 2, Marker 2, 1mm thick		225µl		MS15-2-2	Comb Prep 2, Marker 2, 2mm thick	450µl
MS15-4-1		Comb Prep 4, Marker 2, 1mm thick	122µl	MS15-4-2	Comb Prep 4, Marker 2, 2mm thick		243µl		
MS15-10-1		Comb 10 sample, 1mm thick	45µl	MS15-10-2	Comb 10 sample, 2mm thick		90µl		
MS15-12-1		Comb 12 sample, 1mm thick	41µl	MS15-12-2	Comb 12 sample, 2mm thick		81µl		
MS15-20-1		Comb 20 sample, 1mm thick	21µl	MS15-20-2	Comb 20 sample, 2mm thick		43µl		
MS15-35-1		Comb 35 sample, 1mm thick	10µl	MS15-35-2	Comb 35 sample, 2mm thick		20µl		
MS15-10MC-1		Comb 10 sample MC, 1mm thick	29µl	MS15-10MC-2	Comb 10 sample MC, 2mm thick		59µl		
MS15-14MC-1		Comb 14 sample MC, 1mm thick	29µl	MS15-14MC-2	Comb 14 sample MC, 2mm thick		59µl		
MS15-16MC-1		Comb 16 sample, 1mm thick (DuoComb - 17MC on reverse)	27µl	MS15-16MC-2	Comb 16 sample, 2mm thick (DuoComb - 17MC on reverse)		54µl		
MS15-18MC-1		Comb 18 sample MC, 1mm thick (DuoComb - 17MC on reverse)	11µl	MS15-18MC-2	Comb 18 sample MC, 2mm thick (DuoComb - 17MC on reverse)		23µl		
MS15-28MC-1		Comb 28 sample MC, 1mm thick	11µl	MS15-28MC-2	Comb 28 sample MC, 2mm thick		23µl		
MS15-30MC-1		Comb 30 sample MC, 1mm thick	13µl	MS15-30MC-2	Comb 30 sample MC, 2mm thick		25µl		

* all models include loading guides and casting dams

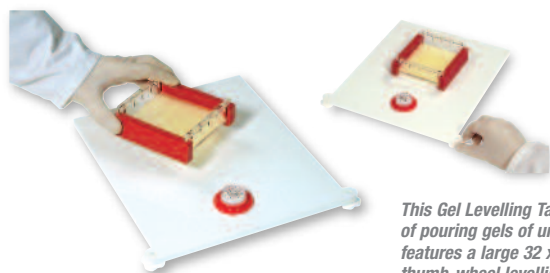
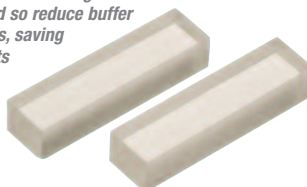
MAXI

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

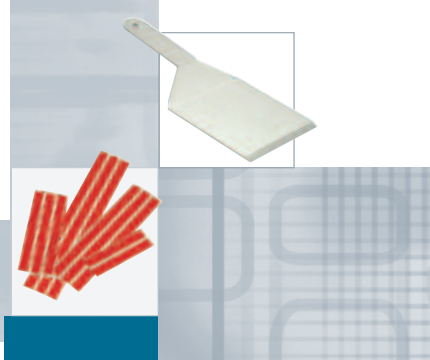
Four tray sizes are available – 20 x 15cm, 20 x 20cm, 20 x 25cm and a half-length 20 x 10cm. Multichannel pipette compatible combs up to 40 sample facilitate speed loading of up to 440 samples per gel. 50 sample combs offers a maximum sample capacity of 550 samples per gel.



Buffer Saver Blocks physically reduce the volume of a gel chamber and so reduce buffer requirements, saving running costs



This Gel Levelling Table provides a useful way of pouring gels of uniform thickness. The table features a large 32 x 26cm platform with large thumb-wheel levelling feet at each corner. A levelling bubble is supplied.



- AVAILABLE WITH 20 x 25CM, 20 x 20CM OR 20 x 10CM GEL TRAYS
- RUN UP TO 550 SAMPLES
- LOW BUFFER VOLUMES
- IDEAL FOR EXTENDED SEPARATIONS

Technical Specifications

GEL DIMENSIONS, (W x L)	20 x 10cm 20 x 20cm	20 x 15cm 20 x 25cm
UNIT DIMENSIONS	39.5 x 23 x 9cm (W x D x H)	
MAX. SAMPLE CAPACITY	20 x 10cm TRAY – 200 SAMPLES	20 x 15cm TRAY – 350 SAMPLES
	20 x 20cm TRAY – 450 SAMPLES	20 x 25cm TRAY – 550 SAMPLES
BUFFER VOLUME	1500ML	
COMBS AVAILABLE : No. OF SAMPLES	1, 2, 4, 10, 16, 20MC, 25, 30, 36, 40MC, 50	
THICKNESSES	0.75, 1, 1.5, 2MM	

Typical Applications

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

ORDERING INFORMATION

BCMSMAXI10	multiSUB Maxi , 20 x 10cm UV Tray, 2 x 20 sample combs*	BCMSMAXI25	multiSUB Maxi , 20 x 25cm UV Tray, 2 x 20 sample combs*		
BCMSMAXI15	multiSUB Maxi , 20 x 15cm UV Tray, 2 x 20 sample combs*	BCMSMAXIDUO	multiSUB Maxi , 20 x 10 & 20 x 20cm UV Tray, 2 x 20 sample combs*		
BCMSMAXI20	multiSUB Maxi , 20 x 20cm UV Tray, 2 x 20 sample combs*				
MS20-UV10	20 x 10cm UV Tray	MS20-PE	Positive Electrode	GLT	Gel Levelling Table
MS20-UV15	20 x 15cm UV Tray	MS20-NE	Negative Electrode	BCMSMAXIXCS	ClearSight multiSUB MaxiX, as above with
MS20-UV20	20 x 20cm UV Tray	MS20-UVS	20cm UV Gel Scoop		Fan & power source
MS20-UV25	20 x 25cm UV Tray	MSMAXICP	Cool-Pack and Platform		where 'X' should be replaced with '10', '15', '20', '25'
MS20-UVDAM	Casting Dams, pk/2	MSMAXIBSB	Buffer Saver Blocks pk/2, saves 450ml of buffer		or 'DUO'
MS20-LG	Adhesive Loading Guides	MS15/20-FC	multiSUB Choice/Maxi Flexi caster		

CODE	DESCRIPTION	SAMPLE VOLUME FOR A 5MM THICK GEL	Colour	CODE	DESCRIPTION	SAMPLE VOLUME FOR A 5MM THICK GEL
MS20-1-0.75	Comb Prep 1, Marker 1, 0.75mm thick	506µl	Red	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	Blue	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	

* all models include loading guides and casting dams

MC = multichannel pipette compatible