

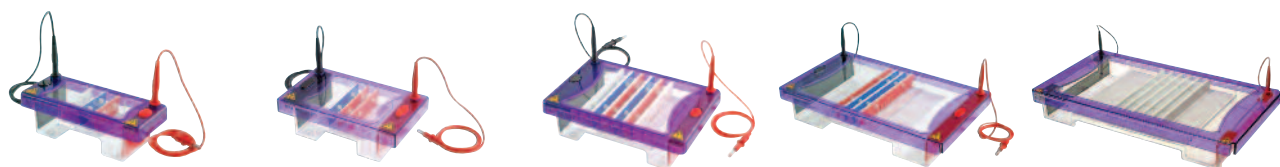








# multiSUB selection guide



	MSMINI	MSMIDI	MSCHOICE	MSMAXI	MSSCREEN
	The preferred option for quick sample checks, particularly following restriction digestion during cloning. Its slim tray format makes the MSMINI a very economical choice for separation of up to 64 samples.	These units offer the same trays lengths, but in a wider format, to run more samples just as economically as in the MSMINI under similar running conditions.	Wide format system offers 2-3 times the sample capacity as the MSMINI and MSMIDI units. A comprehensive selection of combs provides full flexibility for preparatory and screening techniques. Suitable for cloning and mini-prep analysis.	Large-format system is versatile enough to be used for routine preparatory and high-throughput techniques. Combs with spacing compatible with fixed multichannel pipettes simplify loading from 96-well microplates and thermal cycler blocks. Suitable for RFLP analysis, Southern and northern blotting applications, plus DNA library and PCR fragment analyses.	Supplied with six 28-sample multichannel compatible combs, with well-spacing that favours direct loading. The content of at least one 96-well microplate or thermal cycler block may be screened in a single gel. Standard combs may be exchanged for 56-sample versions to double the sample capacity. A dedicated system for all high-throughput screening.
Unit Dimensions (w x l x h)	9 x 21 x 9cm	12.5 x 22 x 9cm	17.5 x 26.5 x 9cm	23 x 39.5 x 9cm	28 x 50 x 9cm
Active Gel Size (w x l) / Corresponding Gel Tray	7x7cm / MS7-UV7 7x10cm / MS7-UV10	10x7cm / MS10-UV7 10x10cm / MS10-UV10	15x7cm / MS15-UV7 15x10cm / MS15-UV10 15x15cm / MS15-UV15	20x10cm / MS20-UV10 20x15cm / MS20-UV15 20x20cm / MS20-UV20 20x25cm / MS20-UV25	26x16cm / MS26-UV16 26x24cm / MS26-UV24 26x32cm / MS26-UV32
Sample Capacity	1-32 (7x7cm) <sup>a</sup> 1-64 (7x10cm) <sup>b</sup>	1-50 (10x7cm) <sup>a</sup> 1-100 (10x10cm) <sup>b</sup>	1-70 (15x7cm) <sup>a</sup> 1-140 (15x10cm) <sup>b</sup> 1-210 (15x15cm) <sup>c</sup>	1-200 (20x10cm) <sup>b</sup> 1-350 (20x15cm) <sup>c</sup> 1-450 (20x20cm) <sup>d</sup> 1-550 (20x25cm) <sup>e</sup>	28-336 (26x16cm) <sup>c</sup> 28-504 (26x24cm) <sup>e</sup> 28-672 (26x32cm) <sup>f</sup>
Tank Buffer Volume	225ml	300ml	500ml	1200ml	1400ml
Buffer Recirculation	No	No	Recommended for high voltage applications or extended runs. Requires modified lid with 2 buffer recirculation ports. Available on request as per part numbers below: - MS15LID-BP	MS15STLID-BP	Yes – buffer recirculation ports included as standard
Plug-and-Go Casting Dams Supplied	Yes, 1 pair	Yes, 1 pair	Yes, 1 pair	Yes, 1 pair	No – supplied with dedicated MSSCREEN flexicaster
Flexicaster Options & Tray Capacity	MS7/10-FC: 1 tray MS15/20-FC: 2 trays* MS26-FC: 3 trays*	MS7/10-FC: 1 tray MS15/20-FC: 1 tray MS26-FC: 3 trays*	MS15/20-FC: 1 tray MS26-FC: 1 tray	MS15/20-FC: 1 tray MS26-FC: 1 tray	MS26-FC: 1 tray
Typical Running Conditions	80V, 45-60 minutes	90V, 45-60 minutes	90-150V, 60-90 minutes	100-150V, 60-90 minutes	100-150V, 90-120 minutes
Bromophenol Blue Migration	~4-5cm/h at 80V	~4-5cm/h at 90V	~4-7cm/h at 90-150V	~4-6.5cm/h at 100-150V	~4-6cm/h at 100-150V
Ordering Information	<b>MSMINI7</b> , 7 x 7cm UV Tray <b>MSMINI10</b> , 7 x 10cm UV Tray <b>MSMINIDUO</b> , 7 x 7cm and 7 x 10cm UV Tray 2 x 8 sample combs, loading guides and casting dams	<b>MSMIDI7</b> , 10 x 7cm UV Tray <b>MSMIDI10</b> , 10 x 10cm UV Tray <b>MSMIDIDUO</b> , 10 x 7cm and 10 x 10cm UV Tray 2 x 16 sample combs, loading guides and casting dams	<b>MSCHOICE7</b> , 15 x 7cm UV Tray <b>MSCHOICE10</b> , 15 x 10cm UV Tray <b>MSCHOICE15</b> , 15 x 15cm UV Tray <b>MSCHOICETR</b> , 15 x 7cm, 15 x 10cm and 15 x 15cm UV Tray 2 x 20 sample combs, loading guides and casting dams	<b>MSMAXI10</b> , 20 x 10cm UV Tray <b>MSMAXI15</b> , 20 x 15cm UV Tray <b>MSMAXI20</b> , 20 x 20cm UV Tray <b>MSMAXI25</b> , 20 x 25cm UV Tray <b>MSMAXIDUO</b> , 20 x 10 and 20 x 20cm UV Tray 2 x 20 sample combs, loading guides and casting dams	<b>MSSCRN16</b> , 26 x 16cm UV Tray <b>MSSCRN24</b> , 26 x 24cm UV Tray <b>MSSCRN32</b> , 26 x 32cm UV Tray <b>MSSCRNTRIO</b> , 26 x 16cm, 26 x 24cm and 26 x 32cm UV Trays 6 x 28 sample combs, loading guides and Flexicaster

<sup>a</sup> Assumes 1-2 combs per gel; <sup>b</sup> Assumes 1-4 combs per gel; <sup>c</sup> Assumes 1-6 combs per gel; <sup>d</sup> Assumes 1-9 combs per gel; <sup>e</sup> Assumes 1-11 combs per gel; <sup>f</sup> Assumes 1-12 combs per gel  
\* Assumes multiSUB™ trays are of the same length (e.g. two MS7-UV7) and arranged side-by-side.