

multiSUB-4



- Separates a maximum 1200 samples in as little as 15 minutes in 4 stacked horizontal gel trays
- Multichannel-compatible combs and gel plate configurations compatible with microplates and thermal cycler blocks ensure rapid loading of DNA minipreps and PCR products by 8-channel pipette
- Double-sided 1.5-mm-thick combs allow more sample volume to be loaded into each well
- Three gel tray options available in 8x6, 8x12 and 8x18cm (WxL) sizes for maximum flexibility
- Small footprint area reduces uptake of bench space within the laboratory

The multiSUB-4 is a compact system capable of running a maximum 1200 samples simultaneously by stacking up to 4 horizontal gels. This achieves high sample throughput while maintaining the time- and space-saving advantages of a small, compact unit.

Each multiSUB-4 is supplied with 4 gel trays and 8 combs as standard, while additional trays and combs may be purchased as required. Two double-sided comb and three tray length formats are also available.

An optional flexicaster, either supplied separately or as a package with the multiSUB-4, is also available that allows up to four 8x6, 8x12 and 8x18cm multiSUB-4 gel trays to be cast simultaneously outside the tank.

Ordering Information			
CSL-MULTISUB4	Multisub4, Multi-Level Gel Chamber, Includes 4x 18cm UV Trays, 8x 18/8 Sample 1.5mm Combs (Tape UV Trays To Seal)		
CSL-MULTISUB4EXCAS	Multisub4, As Above But With External Caster For 4 Gels		
MSUB4UV6	multiSUB4 tray 8 x 6cm	MSUB4-18/8-1	18/8 Sample 1mm Combs for multiSUB4
MSUB4UV12	multiSUB4 tray 8 x 12cm	MSUB4-12/1-1.5	12/1 SAMPLE 1.5mm Combs for multiSUB4
MSUB4UV18	multiSUB4 tray 8 x 18cm	MSUB4-18/8-1.5	18/8 SAMPLE 1.5mm Combs for multiSUB4
MSUB4EXCASTER	External Caster For Msub4 (4 Trays)	CSL-CAB	Electrophoresis cable (Black & Red)
MSUB4-12/1-1	12/1 Sample 1mm Combs for multiSUB4		

Ideal for rapid checking of large numbers of samples from PCR and cloning

Typical Applications

Technical Specifications	
GEL DIMENSIONS, (W x L)	8 x 6cm, 8 x 12cm, 8 x 18cm
UNIT DIMENSIONS	35 x 11 x 16cm (W x D x H)
MAX. SAMPLE CAPACITY	PER 18CM TRAY WITH 1CM RUN LENGTH: 306 WITH 2CM RUN LENGTH: 144 WITH 3CM RUN LENGTH: 72
BUFFER VOLUME	200, 400, 600 OR 800ML (FOR 1, 2, 3 OR 4 GEL TRAYS RESP.)
COMBS AVAILABLE : NO. OF SAMPLES THICKNESSES	1, 8, 12, 18 DuoCombs 1, 1.5MM

casting systems

Two horizontal flexicasters are now available for use with the multiSUB Mini and Midi and multiSUB Midi and Maxi gel trays. Each flexicaster is entirely versatile and includes an adjustable barrier that may be locked into position to ensure efficient leak free casting. No further casting accessories are needed other than the gel tray, while adjustable levelling feet and a spirit bubble facilitate even gel-pouring.



Ordering Information	
MS7/10-FC	Multi Sub Mini/Midi Flexi caster
MS15/20-FC	Multi Sub Choice/Maxi Flexi caster

- Adjustable barrier with ultra-soft silicone gasket ensures leak-proof casting
- Mini flexicaster accommodates 7x7, 7x10, 10x7 and 10x10cm gel trays
- Maxi flexicaster accommodates 15x7, 15x10 and 15x15 and 20x10, 20x15, 20x20 and 20x25cm gel trays