



Gradient makers

Fisherbrand®

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The 15mL and 25mL makers are ideal for the preparation of centrifugation gradients, using sucrose or caesium chloride solutions. The larger 50mL and 100mL makers are mainly used for the preparation of linear polyacrylamide gel gradients.

All of the makers are produced from a single acrylic block. They consist of two chambers, a reservoir and a mixing chamber, with an interconnecting valve. A second valve regulates the output flow from the mixing chamber. A magnetic stirring bar is placed in the mixing chamber to maintain a constant gradient. All of the makers have a flat base to enable them to be placed on a magnetic stirrer. They also have a support rod which can be used to fix the makers to a retort stand for extra stability.

Catalogue No	Description
FB57633	15mL gradient maker
FB57635	25mL gradient maker
FB57637	50mL gradient maker
FB57639	100mL gradient maker
FB57640	500mL gradient maker



Gradient makers, SG series



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Gradient makers, small volume: SG15, SG30, SG50, SG100

- Hoefer recommend 15mL, 30mL, 50mL and 100mL gradient makers for gradients of polyacrylamide, sucrose, caesium chloride and other solutes of centrifugation
- Milled of heavy acrylic plastic; features high-quality leak-free Teflon® valves and a magnetic spin bar especially good for polyacrylamide gradients
- Magnetic spin bar stirrer prevents air bubbles that might interfere with polymerisation
- Flat bottom for stability atop magnetic stirrers. Comes with support rod for attaching to a ring stand
- Accepts Luer or 4mm I.D. tubing

Gradient maker, large volume: SG500

The 500mL gradient maker has more than enough capacity to generate a pore gradient for 10 of 180mm x 160mm gels 1.5mm thick. Ideal for use with the **HOE-100-510C** multiple gel caster.

- Made from two cylindrical acrylic chambers joined and mounted on a flat acrylic base. The entire unit will sit firmly on a magnetic stirrer
- A simple push-pull valve opens and closes the passage between the stirring and mixing chambers. The valve enables you to start both the mixing process and outflow at the same time. Minimises backflow
- Suitable for forming buffer gradients used with medium to small chromatography columns and for zonal preparative centrifuge rotors

Catalogue No	Alt. No	Description
HOE-400-010V	SG15	Gradient maker, 15mL total volume
HOE-400-015L	SG30	Gradient maker, 30mL total volume
HOE-400-020S	SG50	Gradient maker, 50mL total volume
HOE-400-025Y	SG100	Gradient maker, 100mL total volume
HOE-400-030P	SG500	Gradient maker, 500mL total volume. Includes 4 wrap-and-seal hose clamps

Gel casters

Catalogue No	Alt. No	Type	For use with
HOE-200-505K	SE275	4 gels, 100mm x 80mm	SG15 or SG30
HOE-210-500N	SE235	4 gels, 100mm x 105mm	SG30 or SG50
HOE-200-510R	SE215	10 gels, 100mm x 80mm	SG50 or SG100
HOE-100-500F	SE6015	Single gel, 180mm x 160mm	SG15 or SG30
HOE-100-505S	SE675	4 gels, 180mm x 160mm	SG100 or SG500
HOE-100-510C	SE615	10 gels, 180mm x 160mm	SG500
HOE-350-055S	SE915	Multiple gel caster, 180mm x 160mm	SG500