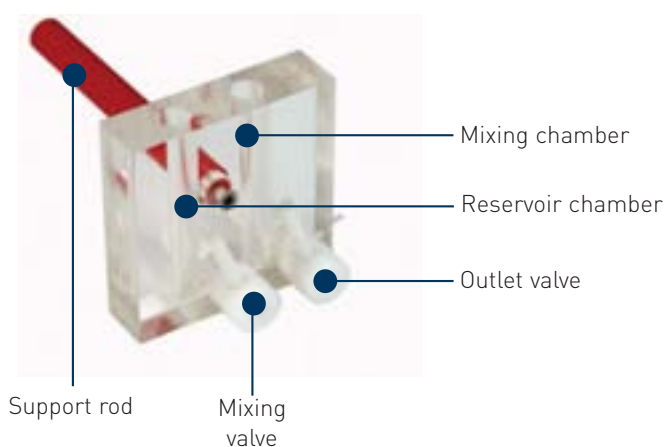




Gradient Mixers

Available in 15, 25, 50, 100 and 500ml volumes, Scie-Plas's gradient mixers are ideal for pouring polyacrylamide gradient gels and centrifugation gradients using sucrose or caesium chloride solutions. Each gradient mixer is precision engineered from high quality acrylic plastic and comprises leak-free valves that control mixing between the reservoir and mixing chambers and the resultant output flow.



TECHNICAL SPECIFICATION

	GM15	GM25	GM50	GM100	GM500
Unit Dimensions (W x D x H)	9 x 2.4 x 9cm	10 x 2.4 x 11.5cm	10 x 2.4 x 11.5cm	11 x 3 x 13.5cm	13 x 6 x 14cm
Internal Dimensions of Mixing and Reservoir Chambers (Diameter x Height)	1.3 x 8cm	1.4 x 10cm	1.9 x 10cm	2.5 x 12.5cm	5.4 x 13cm
Volume of Each Chamber	7.5ml	12.5ml	25ml	50ml	250ml
Internal Diameter of Outlet Port	2mm	2mm	2mm	2mm	5mm

ORDERING INFORMATION

Complete System

1 x 15ml gradient mixer
 1 x 25ml gradient mixer
 1 x 50ml gradient mixer
 1 x 100ml gradient mixer
 1 x 500ml gradient mixer

Part No.

GM15
 GM25
 GM50
 GM100
 GM500

BENEFITS INCLUDE

- Available in 5 different sizes - for different applications

- **GM15 and GM25** - 15 and 25ml volumes for sucrose and caesium chloride gradients; the GM25 can also make two 1mm thick, 10 x 10cm gradient gels in the TV100-MC2 2-gel multicaster
- **GM50** - 50ml volume sufficient to pour up to five 1mm thick, 10 x 10cm gradient gels or one standard 1mm thick, 20.5 x 20cm gel using the TV400 casting base
- **GM100** - 100ml volume for pouring up to ten 1mm thick, 10 x 10cm gels in the TV100-MC10 10-gel multicaster or two 1mm thick, 20.5 x 20cm gels using the TV400-MC2 2-gel multicaster
- **GM500** - 500ml volume suitable for up to ten 1mm thick, 20.5 x 20cm gels in the TV400-MC10 10-gel multicaster
- **Reservoir chamber** - designed to contain higher percentage acrylamide solution when making gradient gels with the TV100 and TV400 multicasters
- **Mixing chamber** - each is of sufficient diameter to accommodate a magnetic stirrer to mix lower percentage acrylamide with higher percentage acrylamide from the reservoir chamber
- **Valves** - control output flow from both the reservoir and mixing chambers
- **Flat base** - allows each gradient mixer to be placed onto a magnetic stirring plate
- **Support rod** - secures each gradient mixer to a retort stand

- Can be used in conjunction with the **Buffer Recirculation Pump** - see page 41