

Vertical Ussing and Horizontal Diffusion Chamber System

Snapwell™ Diffusion Chambers

This chamber is specifically designed for use with the Snapwell™ culture insert (Corning Costar Corp.). The chamber accepts the lower section of the Snapwell, which contains the tissue culture treated membrane with cell monolayer. These Snapwell™ chambers give better results than other chambers. Their low profile reduces the unstirred water layer thus more closely approaching the real conditions in the intestine.

Tissue Diffusion Chambers

These chambers are designed in three formats for work with excised tissue segments. Tissue is affixed between the opposing faces of the half-chambers using a series of pins surrounding the opening.

Specifications	Chamber Type					
	Snapwell™	9 mm Round	5 mm Low-Volume	9 mm Low-Volume	12 mm Low-Volume	8 x 24 mm
Working Volume in Reservoir	4 to 6 ml	5 to 7 ml	0.2 to 0.4 ml	1 to 2 ml	2 to 4 ml	5 to 7 ml
Area of Exposed Tissue	1.13 cm ²	0.64 cm ²	0.20 cm ²	0.64 cm ²	1.13 cm ²	1.78 cm ²
Catalog No.	CGS8866.75	CGS8869.75	CGS8870.75	CGS8871.75	CGS8872.75	CGS8873.75

