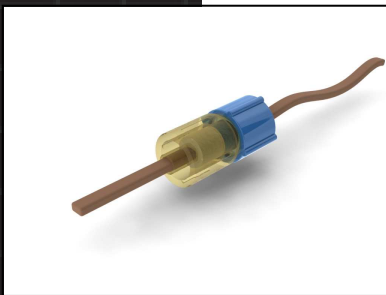


Ricordi® Chamber

Model No. 500-M



Disposable Ricordi Chamber



Biorep® Thermoprobe



Shaker Clamp



The Ricordi® Chamber is the centerpiece of every islet isolation. It has been evolving over 20 years from a heavy metal chamber to a lightweight, translucent, autoclavable high performance polymer. This is Biorep's flagship product and it has become a must for a successful isolation.

The new molded 500ml Ricordi® Chamber is available as disposable or autoclavable versions.

The autoclavable chamber material is Ultem (Polyether Imide). Ultem is a tough, rigid, high strength

thermoplastic that can withstand prolonged exposure to high temperatures and repeated sterilization. The chamber has a translucent / light amber color that allows direct observation of the digestion process.

The disposable chamber material is Durastar Polymer. This material has sparkling clarity, excellent toughness, and chemical resistance. This chamber is sold individually packed and sterilized.

Each Ricordi® chamber includes a stainless steel screen and two o-rings.

▪ Specifications

	500-MUL-03	500-MDUR-03
Chamber material	Ultem (Polyether Imide)	DuraStar Polymer
Inlet fitting material		Nylon
Outlet fitting material	Stainless steel	
O-ring material	Silicone	
Temperature fitting material	Nylon	
Autoclavable	Yes	No
Pressure Rating	200 mmHg (3.8 psi)	
Packed sterile	No	Yes (Gamma radiated)
Dimensions	H x D: 14.18 cm x 12.65 cm (5.584" x 4.98")	
Weight	274 g (0.60 lbs)	268 g (0.59 lbs)
Max operating temperature	210 °C (410 °F)	74 °C (165 °F)
Inlet fitting size	ID x OD: 4.39 mm x 5.16 mm (0.173" x 0.203")	ID x OD: 2.97 mm x 5.94 mm (0.117" x 0.234")
Outlet fitting size	ID x OD: 5.38 mm x 7.16 mm (0.212" x 0.282")	
Screen	Wire mesh : 533 µm square size	Wire mesh: 533 µm square size
	Perforated plate: 254, 381, 457 and 508 µm pore size	
Included items	Stainless steel screen, two o-rings	
Required Accessories	Biorep Thermoprobe	
Optional Accessories	Shaker Clamp	