

Mixing Diamond Interaction Chamber for Microfluidics Technology

Nanoemulsion | Vaccine | Coprecipitation | Nanodispersion | Reaction | Nanocrystal | Liposome

Unique Benefits

- Electro polishing and inner Passivation for pharmaceutical application
- Lower cost and higher quality
- Longer warranty period
- Real-time cooling option to reduce oversized particles in USP729 Retaining protein activity
- Compatible with Genizer High Pressure Micromix Homogenizer



Mixing Diamond Interaction Chamber

Genizer™ High Pressure Micromix Homogenizer is equipped with unique Mixing Diamond Interaction Chamber, which is specially designed for mixing and homogenizing the sample fluids from two or more inlet ports. The two or more streams will mix homogeneously at the diamond mixing chamber where the fluids pass through the fixed micro-channels and experience high shears and strong impacts.



Mix-DIXC

Specifications

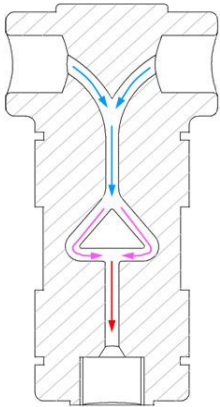
Description	Mixing Diamond Interaction Chamber
Brand	Genizer™ with High Quality
Compatibility	MixGenizer
Dimensions W × D × H	35mm × 45mm × 85mm
Weight	1 lbs. (0.5kg)
Cleaning	Flush to clean
Materials	Diamond, 316SS stainless steel
Pressure Range	20,000 psi, 30,000 psi
Warranty	1 year against any manufacturing defects
Chamber Type Available	Y2F12Y, Y2F20Y, Y2F30Y, Y2F30Y-2, Y2F30Y-3, Y2F30Y-4, Y2F30Y-5, Y2F30Y-6



Contact:
Phone: +1(323) 825-1851
Fax : +1(323) 978-4693
Email: Nano@Genizer.com
www.genizer.com

Genizer LLC, 18 Technology Dr., Suite 159, Irvine, California 92618 USA © 2009 by Genizer. All rights reserved. English Version 07122021.

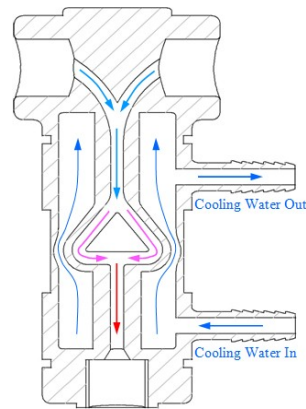
Mixing Diamond Interaction Chamber for Microfluidics Technology



Two inlet ports

Standard Features

Chamber Type	Mixing Diamond Interaction Chamber Y2F12Y, Y2F20Y, Y2F30Y, Y2F30Y-2, Y2F30Y-3, Y2F30Y-4, Y2F30Y-5, Y2F30Y-6
Max. Pressure	30,000psi
Product Material	Diamond, 316L stainless steel
Polishing Condition	Electro-Polish and Passivation for pharmaceuticals
Warranty	1 year against any manufacturing defects



With cooling system

Option Features

Chamber Type	Mixing Diamond Interaction Chamber Y2F12Y-RT, Y2F20Y-RT, Y2F30Y-RT, Y2F30Y- 2-RT, Y2F30Y-3-RT, Y2F30Y-4-RT, Y2F30Y-5- RT, Y2F30Y-6-RT
Customer Made	Customized Laser mark, Customized dimensions and fittings
Max. Pressure	45,000psi
Product Material	Titanium (Resistant to strong acid and base)
Product Cooling	Real Time cooling on Chamber

Internal Structure of Mixing Diamond Interaction Chamber

