

# DEXTER LifeSep™

## LifeSep™ 96F

### Biomagnetic Separator Device for 96 Well Microtiter Plates

Dexter's patented MX series of magnetic separators for for well microtiter place are durable and easy-to-use.



For use in cell sorting, RNA and DNA isolation and purification of biomolecules, these separation devices offer fast and easy aspiration in part because of our innovative Neodymium-Iron-Boron (Nd-Fe-B) magnet configuration.

These units are designed to accomodate industry standard microtitre plates. Our LifeSep™ technology is simple and easy to use with the most established protocols.

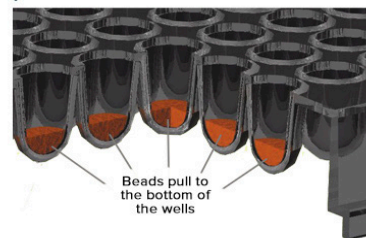
PART NUMBER	WALL PLATE QUANTITY	HEIGHT (MM)	WIDTH (MM)	DEPTH (MM)	WEIGHT (KG)
2501008-1	96	19	128	85	0.54

#### LIFESEP™ 96F BENEFITS AT A GLANCE:

- + Patented Nd-Fe-B magnet configuration for optimal results
- + Open-faced design for clear visibility
- + Rapid separation of micro- and nanometer beads
- + Easy Aspiration
- + Superior particle retention
- + Removable base for easy cleaning
- + Durable and easy to use

LifeSep 96F MX  
Part Number 2501008

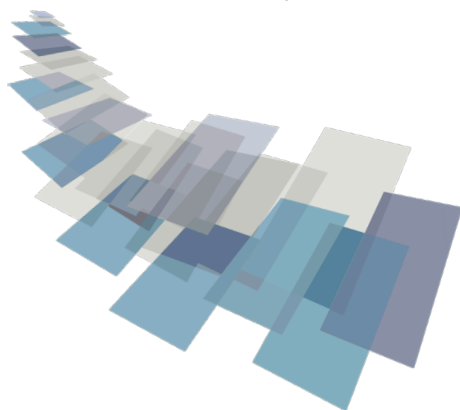
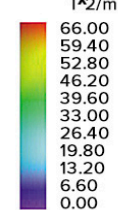
#### Point of Separation



#### Force Density Plots



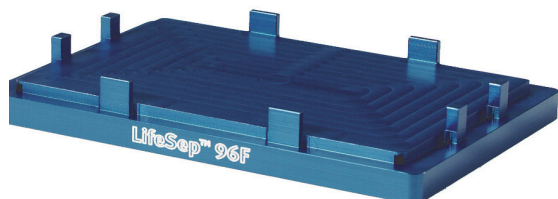
#### Force Density T<sup>2</sup>/m



DEXTER MAGNETIC TECHNOLOGIES GmbH

Siemensstrasse 4, Freiburg

Germany 79108 [info@dextermag.eu](mailto:info@dextermag.eu)



### ABOUT LIFESEP™

Dexter Magnetic Technologies is the premier provider of biomagnetic separation devices with its patented LifeSep™ technology. From nano-sized particle capture to continuous flow separation, we supply the technology for increased productivity in the most demanding process requirements.

Our technical focus enables us to understand protocols and bead separation systems. For new and existing products, we can collaborate on methods to improve rate of magnetic separation, improve wall retention, reduce cycle times and maximize yield. From single tube devices to tray units and automated solutions, we are your source for magnet expertise in separators.

	Tray Volume(s) (mL/well)	LifeSep™ Plates					
		96DR	96F	96P	96R	384F	384S
<b>Product</b>							
<b>Bio-Rad Laboratories</b>							
Hard-Shell® 384-Well PCR Microplate	.05					•	•
ddPCR™ 96-Well Semi-Skirted Plate	.25	•			•		
Multiplate™ 96-Well Unskirted PCR Plate	.20	•			•		
Hard Shell® 96-Well Full-Skirted Plate (HSP9601)	.20	•					
<b>BrandTech Scientific</b>							
96 Well Immunology Microplates	0.33-0.36		•				
96 Well Polypropylene & Deep Well Plates	0.30-2.20		•				
96 Well Cell Culture Microplates	0.33-0.36		•				
<b>Greiner Bio-One</b>							
96 Well Polypropylene Microplate	0.34-0.392		•				
96 Well Polystyrene Microplates	0.234-0.382		•				
96 Well Polystyrene Microplate, µClear®	0.392		•				
<b>Suzhou Chanshow Biotechnology</b>							
Square U deep Well Plate	1.6		•				

### CAUTION - STRONG MAGNETIC FIELD:

Separators should be handled with care and stored at a safe distance from magnetic media including computer hard drives, disks and credit cards.

For more handling information, see our safety sheet or visit our website.

