

# BioSurface Technologies Corporation

## Bio-inLine® Biofilm Reactor

The Bio-inLine® Biofilm Reactor consists of twelve (12) nylon coupon holder plugs threaded into a black PET lid. The coupon holder plugs can accommodate one 1/2 in. (12.7 mm) diameter coupon each, totaling 12 coupons per reactor (same coupons as used in the CDC and Rotating Disk Biofilm Reactors). The lid with coupon holders and coupons is mounted to a black PET body which contains a half-inch channel designed to mimic standard half-inch water pipe. The entire chamber seals shut with the help of silicone rubber o-rings, allowing the reactor to hold up to 80psi.

The Bio-inLine® Biofilm Reactor was designed to allow the growth and testing of biofilms grown under conditions found in common water distribution systems. They can be easily placed in water piping systems, allowing biofilm testing as needed within the system. This reactor was designed with the original modified Robbins Device (mRD) in mind, but with modifications to improve ease of sampling.



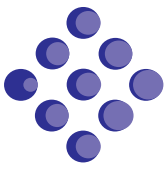
**Bio-inLine® Biofilm Reactor**  
Black PET body and lid, stainless steel fittings



### Coupon Holder Plug

Nylon coupon holders for easy sample removal

IBR-500	Bio-inLine Biofilm Reactor (modified Robbins Device, 12 place sample device) Includes PET In-Line Biofilm Reactor with silicone gaskets, 12 nylon coupon holders, 12 PET disc coupons (alternate materials available upon request, pricing will vary), coupon removal tool, 3/8" NPT 316SS fittings and valves.	\$1,600.00
IBR-500-10	Bio-inLine Coupon Holder (Nylon Coupon Holder)	\$20.00
IBR-500-20	Bio-inLine Coupon Holder Removal Tool	\$30.00



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## Disc Coupon for the CDC, RDR, and IBR Reactors

<b>RD128-304</b>	Stainless Steel (304) Disc Coupon	<b>\$7.20</b>
<b>RD128-316</b>	Stainless Steel (316L) Disc Coupon	<b>\$7.20</b>
<b>RD128-316EP</b>	Stainless Steel (316L) Disc Coupon (Electropolished Surface)	<b>\$17.00</b>
<b>RD128-316HP</b>	Stainless Steel (316L) Disc Coupon (Hand Polished Surface)	<b>\$21.00</b>
<b>RD128-347</b>	Stainless Steel (347) Disc Coupon	<b>\$8.60</b>
<b>RD128-ABS</b>	Acrylonitrile Butadiene Styrene (ABS) Disc Coupon (non-autoclavable)	<b>\$5.80</b>
<b>RD128-AL</b>	Aluminum Disc Coupon	<b>\$6.40</b>
<b>RD128-BUNA</b>	AHW White High Grade FC Buna N Rubber Disc Coupon	<b>\$5.00</b>
<b>RD128-CC</b>	Concrete Coated Polycarbonate Disc Coupon (concrete-filled polycarbonate cup)	<b>\$9.10</b>
<b>RD128-CI</b>	Cast Iron Disc Coupon	<b>\$8.00</b>
<b>RD128-CoCr</b>	Cobalt Chrome Disc Coupon (Alloy F1537)	<b>\$34.00</b>
<b>RD128-CPVC</b>	CPVC Disc Coupon	<b>\$6.00</b>
<b>RD128-CS</b>	Carbon Steel Disc Coupon	<b>\$7.20</b>
<b>RD128-Cu</b>	Alloy 101 Copper Disc Coupon	<b>\$8.60</b>
<b>RD128-DI</b>	Ductile Iron Disc Coupon	<b>\$9.00</b>
<b>RD128-EPDM</b>	EPDM Rubber Disc Disc Coupon	<b>\$5.00</b>
<b>RD128-GL</b>	Borosilicate Glass Disc Coupon	<b>\$11.00</b>
<b>RD128-GT</b>	Glazed Tile Disc Coupon (porous ceramic, one side glazed tile surface-white)	<b>\$23.00</b>
<b>RD128-HA</b>	Hydroxyapatite Disc Coupon	<b>\$12.00</b>
<b>RD128-HDPE</b>	High Density Polyethylene Disc Coupon	<b>\$6.00</b>
<b>RD128-HY</b>	Hypalon Rubber Disc Coupon	<b>\$5.00</b>
<b>RD128-Inc</b>	Inconel 718 (Nickel Chromium Alloy) Disc Coupon	<b>\$18.00</b>
<b>RD128-LDPE</b>	Low Density Polyethylene Disc Coupon (non-autoclavable)	<b>\$6.00</b>
<b>RD128-Lucitone</b>	Lucitone Dental Plastic Disc Coupon	<b>\$20.00</b>
<b>RD128-Ni</b>	Nickel Disc Coupon	<b>\$9.40</b>
<b>RD128-NR</b>	Natural Rubber Disc Coupon	<b>\$5.00</b>
<b>RD128-Ny</b>	Nylon Disc Coupon	<b>\$6.00</b>
<b>RD128-PC</b>	Polycarbonate Disc Coupon	<b>\$5.40</b>
<b>RD128-PCC</b>	Polycarbonate Cup Disc Coupon	<b>\$7.20</b>
<b>RD128-PE</b>	UHMW Polyethylene Disc Coupon (ultra-high-molecular-weight polyethylene)	<b>\$6.00</b>
<b>RD128-PEEK</b>	Polyether ether ketone (PEEK: Arlon 1330) Disc Coupon	<b>\$6.50</b>
<b>RD128-PET</b>	Polyethylene Terephthalate (PET: Polyester, Dacron) Disc Coupon	<b>\$6.00</b>
<b>RD128-PETG</b>	Polyethylene Terephthalate Glycol (PETG) Disc Coupon (non-autoclavable)	<b>\$6.50</b>
<b>RD128-PG</b>	Plexiglass (acrylic) Disc Coupon (non-autoclavable)	<b>\$6.50</b>
<b>RD128-PL</b>	Porcelain Surface Disc Coupon (porous ceramic, one side glazed porcelain)	<b>\$34.00</b>
<b>RD128-PP</b>	Polypropylene Disc Coupon	<b>\$6.00</b>
<b>RD128-PS</b>	Polystyrene Disc Coupon (non-autoclavable)	<b>\$6.00</b>
<b>RD128-PTFE</b>	Teflon (PTFE) Disc Coupon	<b>\$8.00</b>
<b>RD128-PU</b>	Polyurethane Rubber Disc Coupon (non-autoclavable)	<b>\$5.00</b>
<b>RD128-PVC</b>	PVC (White) Disc Coupon (non-autoclavable)	<b>\$6.00</b>
<b>RD128-Si</b>	Silicone Rubber Disc Coupon	<b>\$5.00</b>
<b>RD128-Ti</b>	Titanium Disc Coupon	<b>\$12.00</b>
<b>RD128-Ti6AL</b>	Titanium Alloy (Ti-6AL-4V ELI) Disc Coupon	<b>\$13.00</b>
<b>RD128-Vi</b>	Viton Disc Coupon	<b>\$5.00</b>

ALL PRICING BASED ON PAYMENT TERMS OF NET 30 DAYS.

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