

BioSurface Technologies Corporation

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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 Plugs

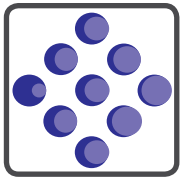
Nylon coupon holders for easy sample removal

Model IBR-500 Bio-inLine Biofilm Reactor (modified Robbins Device) 12 place sample device \$1,600.00

include: 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.

IBR-500-10 Bio-inLine Coupon Holder (Nylon Coupon Holder) \$19.00

IBR-500-20 Bio-inLine Coupon Holder Removal Tool \$24.00



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

Part Number	Description	Price per coupon (USD)*
RD128-304	Stainless Steel (304) Coupon	\$6.80
RD128-316	Stainless Steel (316L) Coupon	\$6.80
RD128-316EP	Stainless Steel (316L) Coupon (Electropolished Surface)	\$12.50
RD128-316HP	Stainless Steel (316L) Coupon (Hand Polished Surface)	\$16.00
RD128-347	Stainless Steel (347) Coupon	\$7.60
RD128-ABS	Acrylonitrile Butadiene Styrene (ABS) Coupon (non-autoclavable)	\$5.50
RD128-AL	Aluminum Coupon	\$6.00
RD128-BUNA	AHW White High Grade FC Buna N Rubber Coupon	\$4.50
RD128-CC	Concrete Coated Polycarbonate Coupon (polycarbonate cup filled with concrete)	\$8.80
RD128-CI	Cast Iron Coupon	\$6.90
RD128-CoCr	Cobalt Chrome Coupon (Alloy F1537)	\$31.00
RD128-CPVC	CPVC Coupon	\$5.80
RD128-CS	Carbon Steel Coupon	\$6.60
RD128-Cu	Copper Coupon	\$8.20
RD128-DI	Ductile Iron Coupon	\$8.60
RD128-EPDM	EPDM Rubber Disc Coupon	\$5.10
RD128-GL	Borosilicate Glass Coupon	\$13.00
RD128-GT	Glazed Tile Coupon (porous ceramic substratum, one side glazed tile surface-white)	\$19.80
RD128-HA	Hydroxy Apatite Coupon	\$11.00
RD128-HDPE	High Density Polyethylene Coupon	\$5.50
RD128-HY	Hypalon Rubber Coupon	\$5.10
RD128-LDPE	Low Density Polyethylene Coupon (non-autoclavable)	\$5.50
RD128-Lucitone	Lucitone Dental Plastic Coupon	\$16.00
RD128-Ni	Nickel Coupon	\$9.00
RD128-NR	Natural Rubber Coupon	\$5.10
RD128-Ny	Nylon Coupon	\$5.50
RD128-PC	Polycarbonate Coupon	\$4.80
RD128-PCC	Polycarbonate Cup Coupon	\$6.60
RD128-PE	UMHW Polyethylene Coupon (ultra-high-molecular-weight polyethylene)	\$5.50
RD128-PEEK	Polyetheretherketone (PEEK: Arlon 1330) Coupon	\$6.00
RD128-PET	Polyethylene Terephthalate (PET: Polyester, Dacron) Coupon	\$5.50
RD128-PETG	Polyethylene Terephthalate Glycol (PETG) Coupon (non-autoclavable)	\$5.80
RD128-PG	Plexiglass (acrylic) Coupon (non-autoclavable)	\$5.50
RD128-PL	Porcelain Surface Coupon (porous ceramic substratum, one side glazed porcelain)	\$27.00
RD128-PP	Polypropylene Coupon	\$5.40
RD128-PS	Polystyrene Coupon (non-autoclavable)	\$5.40
RD128-PTFE	Teflon (PTFE) Coupon	\$8.00
RD128-PU	Polyurethane Coupon (high temperature polymer)	\$5.80
RD128-PVC	PVC (white) Coupon (non-autoclavable)	\$5.40
RD128-Si	Silicone Rubber Coupon	\$4.80
RD128-Ti	Titanium Coupon	\$9.80
RD128-Ti6AL	Titanium Alloy (Ti-6AL-4V ELI) Coupon	\$12.80
RD128-Vi	Viton Coupon	\$8.00

ALL PRICING BASED ON PAYMENT TERMS OF NET 30 DAYS.

*Pricing shown is for domestic US Market. Please Contact BioSurface Technologies Corporation, or one of our international distributors for international pricing. International customers will incur additional charges associated with shipping, insurance, import duties, taxes, and fees that are not covered by BioSurface Technologies Corporation. Prices are subject to change without notice.