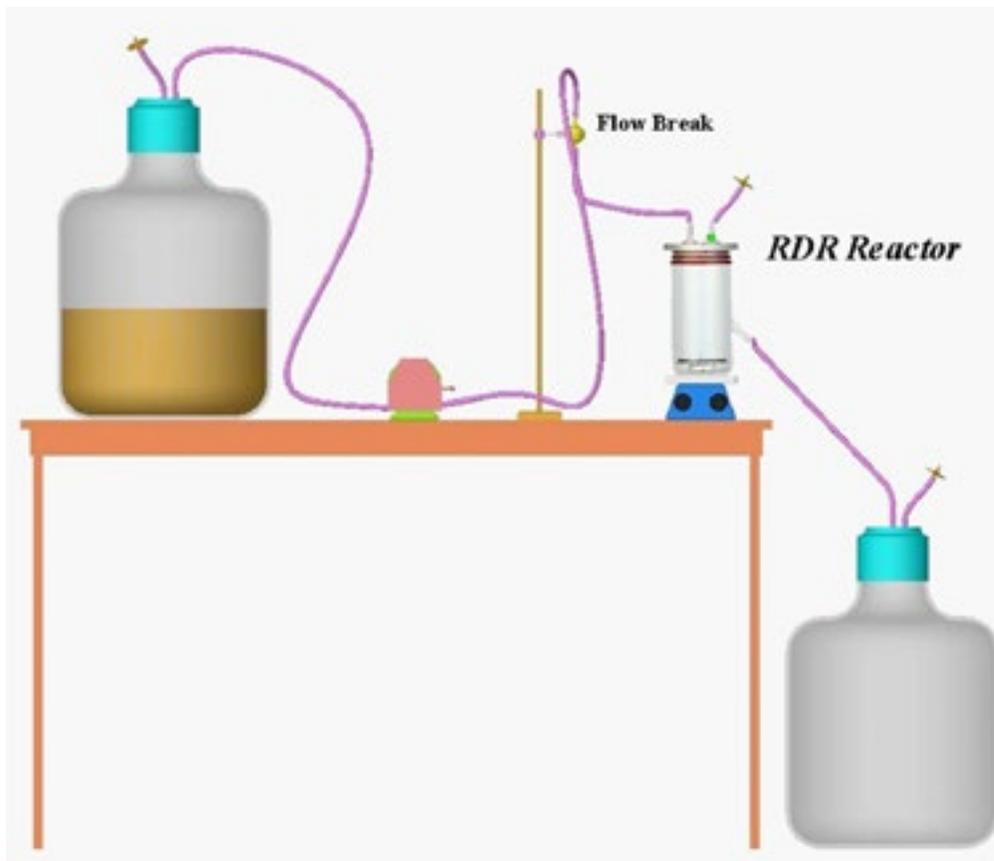


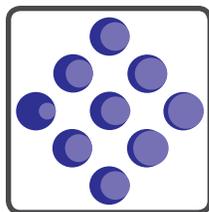
Rotating Disk Reactor

The Rotating Disk Reactor consists of a teflon and viton disk containing recesses for six 1.25 cm diameter coupons. The removable coupons are manufactured from any machinable material. The bottom of the rotating disk contains a bar magnet to allow disk rotation to create liquid surface shear across surface-flush coupons. The entire disk containing the six coupons is placed in a 1000 ml glass reactor vessel. A liquid growth media/biocide/etc. is circulated through the vessel while the disk is rotated by a magnetic stirrer.

Sampling of the coupons is conducted by aseptically removing the entire disk from the reactor and punching the coupons from the disk (a tool is provided). If proper technique and care is used during sampling, a single coupon can be removed/replaced and the disk returned to the reactor vessel for further biofilm studies. The coupon removed from the reactor vessel is then scraped to collect the biofilm sample for further study or imaging using microscopy.



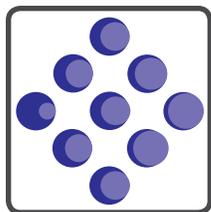
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Rotating Disk Reactor

Part Number	Description	Price * (USD)
BST Model DK 20-1 Disk Reactor System with stir plate and support stand	includes magnetic stirrer (120 VAC), reactor support stand and clamps glass reactor vessel with side discharge, coupon rotor reactor lid with 3 vent or liquid ports, 1 septum port 6 polycarbonate coupons (alternate materials available upon request, pricing may vary) coupon removal tool, 2 glass flow breaks, 1 bacterial air vent	\$1,300.00
BST Model DK 20-1-Int. Disk Reactor System with stir plate and support stand	includes magnetic stirrer (220-240 VAC), reactor support stand and clamps glass reactor vessel with side discharge, coupon rotor reactor lid with 3 vent or liquid ports, 1 septum port 6 polycarbonate coupons (alternate materials available upon request, pricing may vary) coupon removal tool, 2 glass flow breaks, 1 bacterial air vent	\$1,380.00
BST Model DK 20-1DH Disk Reactor System with Digital Stir/Hot plate and support stand	includes digital magnetic/hot stirrer (120 VAC), reactor support stand and clamps glass reactor vessel with side discharge, coupon rotor reactor lid with 3 vent or liquid ports, 1 septum port 6 polycarbonate coupons (alternate materials available upon request, pricing may vary) coupon removal tool, 2 glass flow breaks, 1 bacterial air vent	\$2,160.00
BST Model DK 20-1DH-Int. Disk Reactor System with Digital Stir/Hot plate and support stand	includes digital magnetic/hot stirrer (220-240 VAC), reactor support stand and clamps glass reactor vessel with side discharge, coupon rotor reactor lid with 3 vent or liquid ports, 1 septum port 6 polycarbonate coupons (alternate materials available upon request, pricing may vary) coupon removal tool, 2 glass flow breaks, 1 bacterial air vent	\$2,280.00
BST Model DK 20-2 Disk Reactor System	includes glass reactor vessel with side discharge, coupon rotor reactor lid with 3 vent or liquid ports, 1 septum port 6 polycarbonate coupons (alternate materials available upon request, pricing may vary) coupon removal tool, 2 glass flow breaks, 1 bacterial air vent	\$800.00
BST Model DK A204 Rotating Disk	includes the rotating disk coupon holder only	\$340.00
BST RD 130 Side-arm flask	1 liter glass beaker with side-arm port at 300 ml	\$108.00

*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.



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.

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