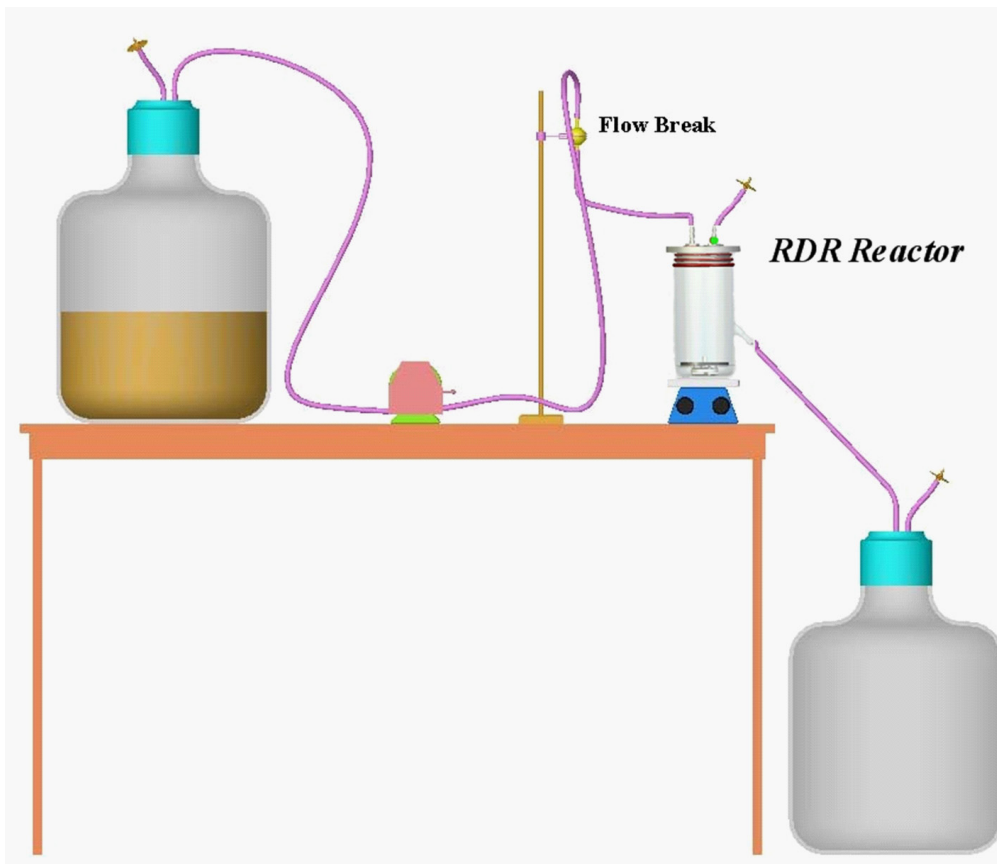


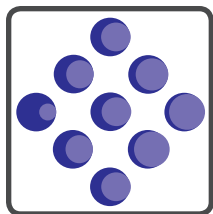
## Rotating Disk Reactor

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.



© BioSurface Technologies Corp. 2003



## Rotating Disk Reactor

<b>Part Number</b>	<b>Description</b>	<b>Price * (USD)</b>
<b>BST Model DK 20-1 Disk Reactor System with stir plate and support stand</b>	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	<b>\$1,230.00</b>
<b>BST Model DK 20-1-Int. Disk Reactor System with stir plate and support stand</b>	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	<b>\$1,320.00</b>
<b>BST Model DK 20-1DH Disk Reactor System with Digital Stir/Hot plate and support stand</b>	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	<b>\$2,060.00</b>
<b>BST Model DK 20-1DH-Int. Disk Reactor System with Digital Stir/Hot plate and support stand</b>	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	<b>\$2,180.00</b>
<b>BST Model DK 20-2 Disk Reactor System</b>	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	<b>\$780.00</b>
<b>BST Model DK A204 Rotating Disk</b>	includes the rotating disk coupon holder only	<b>\$320.00</b>
<b>BST RD 130 Side-arm flask</b>	1 liter glass beaker with side-arm port at 300 ml	<b>\$99.00</b>

\*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.