

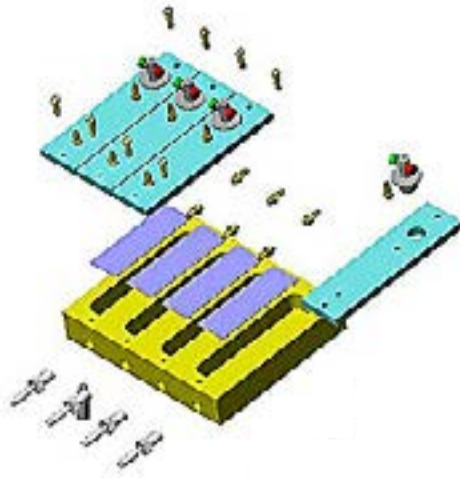
**BioSurface Technologies Corporation**

(www.biofilms.biz)

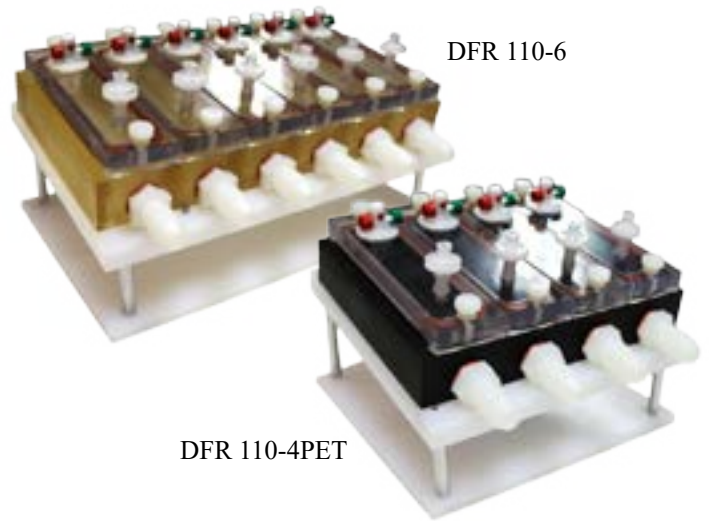
## **Drip Flow Biofilm Reactor®**

The Model DFR 110 Drip Flow Biofilm Reactor consists of four (4) or six (6) parallel test channels, each capable of holding one (1) standard glass microscope slide sized coupon, or a length of catheter or stint. Media is provided by dripping over the coupon or catheter surface. Biofilm growth conditions provide low shear, and short residence time (2 minutes). Catheter and stint studies can also utilize the alternate end media port to provide flow within the catheter or stint. Media flows via gravity to provide a very low shear condition.

The Drip Flow Reactor is ideal for microsensor monitoring, general biofilm studies, biofilm cryosectioning samples, high biomass production, dental and medical material evaluations, and indwelling medical device evaluations.



**Drip Flow Reactor**  
Exploded Diagram



**Drip Flow Reactors**  
with Reactor Support Stands

**Model DFR 110-4 Drip Flow Reactor (Polysulfone Flow Channel) \$1,160.00\*USD**

**Model DFR 110-4PET Drip Flow Reactor (Polyethylene Terephthalate Flow Channel) \$1,080.00\*USD**

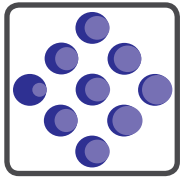
includes: 4-Channel reactor body with polycarbonate lid/silicone gaskets(4), injection ports(4)  
bacterial vents (4), glass slide coupons (1 bx), slide removal pick, glass flow break (4), reactor support stand.

**Model DFR 110-6 Drip Flow Reactor (Polysulfone Flow Channel) \$1,700.00\*USD**

**Model DFR 110-6PET Drip Flow Reactor (Polyethylene Terephthalate Flow Channel) \$1,580.00\*USD**

includes: 6-Channel reactor body with polycarbonate lid/silicone gaskets(6), injection ports(6)  
bacterial vents (6), glass slide coupons (1 bx), slide removal pick, glass flow break (6), reactor support stand.

\*Warranty is 6 months on all components. Normal delivery for reactors is 3-7 days. Special orders may require 30 days for shipment. Pricing shown is US domestic pricing on net 30 day terms. Please Contact BioSurface Technologies Corporation, or one of our international distributors for international pricing. All orders are FOB Bozeman, Montana.



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## Drip Flow Biofilm Reactor®

### DFR 110 Components

### Pricing (USD)\*

DFR 33305	Teflon Mini-nert Injection Port/Valve	\$42.00
DFR 09740	0.45 um vent filter (each)	\$12.00
DFR 2-233	Silicone Lid O-ring	\$5.00
FB 50	Glass Flow Break	\$40.00
DFR 3842	Slide Removal Tool	\$12.00
DFR 94323	Lid Thumbscrew	\$1.50
DFR1104-BS	4-Channel Reactor Support Stand	\$90.00
DFR1106-BS	6-Channel Reactor Support Stand	\$108.00

### DFR 110 Slide Coupons (pricing is per coupon unless otherwise indicated):

DFR 2575-304	Stainless Steel (304) Coupon	\$8.80
DFR 2575-316	Stainless Steel (316L) Coupon	\$9.00
DFR 2575-GL	Glass Slide Coupon (per box 1/2 gross)	\$30.00
DFR 2575-HA	Hydroxy Apatite Coupon	\$34.00
DFR 2575-HDPE	HDPE Polyethylene Coupon	\$8.00
DFR 2575-PC	Polycarbonate Coupon	\$7.00
DFR 2575-PP	Polypropylene Coupon	\$7.00
DFR 2575-PS	Polystyrene Coupon	\$8.00
DFR 2575-PTFE	Teflon coupons	\$13.00
DFR 2575-PU	Polyurethane Coupon (high temperature polymer)	\$7.80
DFR 2575-PVC	PVC (dark grey) Coupon (non-autoclavable)	\$7.00
DFR 2575-Si	Silicone Rubber Coupon	\$6.40
DFR 2575-Ti	Grade 5 (6al-4v) Titanium Coupon	\$16.00
DFR 2575-Vi	Viton Coupon	\$8.60

Normal delivery for coupons is 7-10 days. Most materials kept in stock (limited quantities). Special orders may require 30 days for shipment. All shipments are FOB Bozeman, Montana. International sales require letter of credit, credit card, or prepayment prior to shipping. Prices are subject to change without notice.

\*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.