

INDUSTRIAL SOLUTIONS  
A.P.P.S

AEROSPACE / INDUSTRIAL  
BIOPHARMACEUTICAL  
BIOTECHNOLOGY  
MEDICAL DEVICE  
PHARMACEUTICAL

# DIALYZER

High Flux



Life Sciences / Hemodialysis

## DIALYZER

### High Flux

MODEL	DTB 14HF	DTB 16HF	DTB 18HF	DTB 20HF	DTB 22HF
Surface Area (sqm)	14	16	1.8	2	2.2
UF Coefficient (ml/h/mmHg)	48	55	60	66	72
Priming Volume (ml)	87	100	109	120	138

#### CLEARANCE (mL/min)

##### QB = 200ml/min

Urea	193	195	197	198	200
Creatinine	186	191	196	201	203
Phosphate	182	188	192	197	203
Vitamin B12	138	146	156	166	172
Inulin	100	119	130	142	154

##### QB = 300ml/min

Urea	263	270	278	282	289
Creatinine	235	250	260	270	279
Phosphate	239	255	269	281	290
Vitamin B12	160	165	185	200	211
Inulin	124	131	140	150	159

##### QB = 400ml/min

Urea	305	316	325	335	345
Creatinine	275	290	300	311	322
Phosphate	309	315	334	345	356
Vitamin B12	180	190	200	212	222
Inulin	125	132	144	154	165

CLEARANCES In-Vitro (ml/min) QD = 500ml/min · Temperature = 37°C ± 1°C · QF = 10 ml/min

## DIALYZER

High Flux

### DTB HF

Membrane	Polyethersulfone
Housing & Headers	Polycarbonate
O-rings	Silicone
Potting Compound	Polyurethane
Caps	Polyethylene
Sterilization	Gamma Radiation

### SIEVING COEFFICIENTS (S.C.)

$\beta$ 2- microglobulin	$1.0 \pm 0.1$
Myoglobin	$\geq 0.7$
Albumin	$0.55 \pm 0.1$
INULIN	$\leq 0.01$

$K_{UF}$  with anticoagulation bovine plasma (Hct 32%, Protein  $60 \pm 5$ g/l) Temperature  $37 \pm 1^\circ\text{C}$   $Q_B = 300$ mL/min TMP=100 mmHG

S.C.: with anticoagulation bovine plasma, Protein  $60 \pm 5$ g/l, Temperature  $37 \pm 1^\circ\text{C}$   $Q_B = 200$ mL/min,  $Q_F = 30$ mL/min

## DIALYZER

High Flux

# Contact information

Quotes and orders from around the world

APPS INC.  
appsindustrial.com  
+1 (818) 930 0779  
[Toll free]: +1 818-5743-345  
contact@appsindustrial.com

