

DTB DIALYZER

HIGH FLUX SY

Smart Quality by **DTB**

MODEL	DTB 12HFSY	DTB 14HFSY	DTB 16HFSY	DTB 18HFSY	DTB 20HFSY
Surface Area (sqm)	1.2	1.4	1.6	1.8	2.0
UF Coefficient (ml/h/mmHg)	50	55	60	65	70
KOA Urea (ml/min)	873.3	954.9	1064.9	1232.9	1367
Priming Volume (ml)	70	80	96	110	120
Length (mm)	240	240	240	240	240
Inner Diameter (µm)	200	200	200	200	200
Membrane thickness (µm)	30	30	30	30	30
Maximum TMP (mmHg)	500	500	500	500	500

CLEARANCE (ml/min)

QB = 200ml/min / Qd =500ml/min					
Urea	191	193	195	197	198
Creatinine	180	182	185	190	195
Phosphate	175	178	181	185	190
Vitamin B12	138	146	155	165	175

QB = 300ml/min/Qd =500ml/min					
Urea	255	260	267	275	280
Creatinine	232	241	250	260	270
Phosphate	215	225	235	250	262
Vitamin B12	159	167	175	195	208

QB = 400ml/min/Qd =500ml/min					
Urea	300	310	320	330	340
Creatinine	270	280	295	305	317
Phosphate	242	260	280	295	305
Vitamin B12	170	180	190	200	212

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

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

SIEVING COEFFICIENTS (S.C.)	
INULIN	0.9
Myoglobin	≥ 0.5
Albumin	≤ 0.01

K_{UF} with anticoagulation bovine plasma (Hct 32%, Protein 60 ± 5g/l) Temperature 37 ± 1°C Q_B = 300ml/min TMP= 100 mmHG

S.C. : with anticoagulation bovine plasma, Protein 60 ± 5g/l, Temperature 37 ± 1°C Q_B = 200ml/min, Q_F = 30ml/min