

# DTB DIALYZER LOW FLUX SY

Smart Quality by **DTB**

MODEL	DTB 12LFSY	DTB 14LFSY	DTB 16LFSY	DTB 18LFSY	DTB 20LFSY
Surface Area (sqm)	1.2	1.4	1.6	1.8	2.0
UF Coefficient (ml/h/mmHg)	12	14	16	18	20
KOA Urea (mL/min)	537.5	575.4	603.5	651.8	689
Priming Volume (ml)	70	80	90	100	110
Length (mm)	240	240	240	240	240
Inner Diameter (µm)	200	200	200	200	200
Membrane thickness (µm)	35	35	35	35	35
Maximum TMP (mmHg)	500	500	500	500	500

### CLEARANCE (mL/min)

QB = 200ml/min / Qd =500ml/min					
Urea	174	177	179	182	184
Creatinine	158	161	163	165	167
Phosphate	147	155	159	163	165
Vitamin B12	98	105	112	118	124

QB = 300ml/min/Qd =500ml/min					
Urea	225	229	231	235	238
Creatinine	210	214	217	219	222
Phosphate	202	213	218	224	226
Vitamin B12	104	112	120	126	133

QB = 400ml/min/Qd =500ml/min					
Urea	261	266	269	373	266
Creatinine	225	229	232	235	238
Phosphate	235	243	249	255	258
Vitamin B12	120	130	139	146	154

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

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

$K_{UF}$  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