



### US Headquarters

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## Product Information

Catalog Number	70-0220
Quantity per Case	12 Filters
Sterilization Method	Electron Beam

## IN VITRO Clearance Performance

Clearance (ml/min) <i>in vitro</i> <i>Q<sub>d</sub>=500ml/min, Q<sub>s</sub>=200ml/min</i>	Q <sub>b</sub> 200	Q <sub>b</sub> 300	Q <sub>b</sub> 400	Q <sub>b</sub> 500
Urea	199	291	364	424
Creatinine	198	279	348	403
Phosphate	196	272	336	383
Vitamin B12	192	247	292	323
Cytochrome C	161	203	237	256

## Whole Blood Clearance

<i>Q<sub>d</sub>=600, Q<sub>s</sub>=200</i>	<i>Q<sub>b</sub> 400 ml/min</i>
Urea	345
β <sub>2</sub> m	205

## Materials

Membrane  
Housing, end caps  
Potting compound  
Sealing o-ring  
Sterility caps

Polyethersulfone  
Polycarbonate  
Polyurethane  
Silicone  
Polyethylene

## Physical Properties

Weight	300 g
Effective surface area	2.2 m <sup>2</sup>
Fiber ID/wall thickness	200 μ/30 μ
Number of fibers	15800
Maximum TMP	600 mmHg
Ultrafiltration coefficient	105 ml/hr/mmHg
<i>In vitro (Bovine blood-Hct 32%)</i>	
Blood priming volume	155 ml
Blood pressure drop	185 mmHg
<i>Q<sub>b</sub> 300, Q<sub>s</sub> 0 ml/min, Hct 32%</i>	
Dialysate pressure drop	100 mmHg
<i>Q<sub>d</sub> 800 ml/min</i>	
Maximum blood flow rate	500 ml/min
Maximum dialysate flow rate	800 ml/min
Sieving coefficient (plasma)	
creatinine	1.0
β <sub>2</sub> microglobulin (β <sub>2</sub> m)	0.80
albumin	0.005
Rinseback volume ( <i>saline</i> )	400 ml