

Rheo**filter**TM

ER-4000

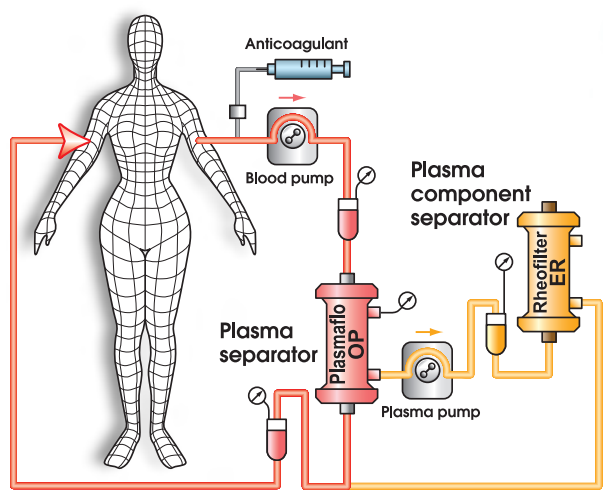
**Plasma component separator
specifically designed for Rheopheresis
to treat microcirculatory disorders**

- ***Sharp Cut-off curve***
- ***Removal of high molecular weight proteins***
- ***Gamma Sterilized / ETO Free***

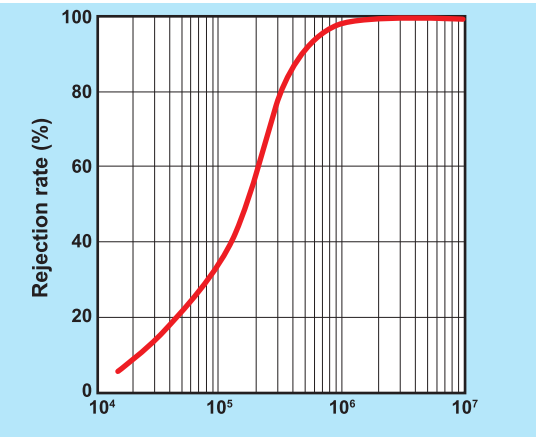


Rheofilter ER is used as part of an extracorporeal double filtration (membrane differential filtration) system in combination with a plasma separator (plasmaflo) for selective extracorporeal plasma therapy, e.g. Rheopheresis.

Circuit Diagram

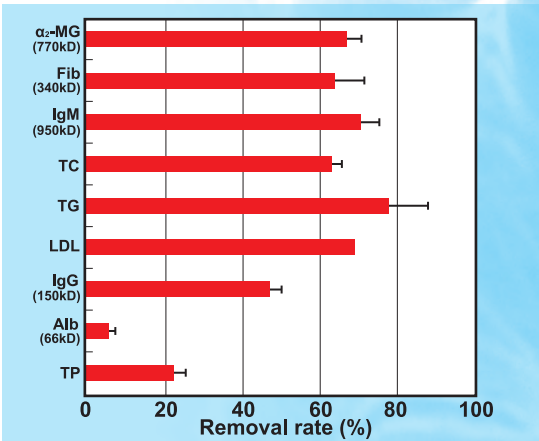


Cut off Curve of Rheofilter ER



in vitro data (1.0L plasma filtration)
Plasma flow rate: 30mL/min
Discard flow rate: 6mL/min

Removal Rate of plasma components with Rheofilter ER



Conditions : in vivo data
Sampling : whole blood (pre/post treatment)
Blood flow rate : 100mL/min
Plasma flow rate : 25mL/min
Discard flow rate : 2.5L/min
Treated plasma volume : 2.5L
(Data from shinseikai Daiichi Hospital, Japan)

Specifications

Hollow fiber	Material	Ethylene vinyl alcohol copolymer
	Inside diameter	175μm
	Wall thickness	40μm
	Effective surface	2.0m ²
Container	Material	Polycarbonate
	Dimensions	280mm[L] x 53mm[D]
Sterilization		Gamma-Ray

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