

## TECHNICAL SPECIFICATIONS AND DATA

### MEMBRANE

Material	○ Versatile®-PES Polyethersulfone (PES) + Polyvinylpyrrolidone (PVP)
Filtration area (m <sup>2</sup> )	1.0 and 2.0
Inner diameter (µm)	210 ± 10
Outer diameter (µm)	290 ± 20
Wall thickness (µm)	40 ± 5
Max TMP (mmHg)	500

### HOUSING

Internal diameter (mm) :	32 (1.0 m <sup>2</sup> ) and 44 (2.0 m <sup>2</sup> )
Potting material:	Polyurethane (PU)
Cartridge and blood port material:	Polycarbonate (PC)
Total filter length (mm) :	290

### STERILISATION

Beta Rays

Technical features are subject to change without prior notice  
This document does not have contractual value

BRO-FRA-FRACTIOSMART-ENG REV00 - CDP021023A

# FRACTIO<sup>smart</sup>™

○ Versatile® -PES S M L FRACTIONATORS



## CASCADE FILTRATION ADVANTAGES

- Wide range of application
- Minimal Loss of non-pathogenic substances like albumin
- Selective apheresis of plasma components based on molecular weight

○ Versatile® -PES S M L is the **NEW**

MEDICA hollow fiber membrane  
specially developed for plasma fractionation  
It is a registered trade mark of Medica S.p.A

Distributed by



MANUFACTURER  
**MEDICA**  
SEAMLESS INNOVATION FOR LIFE QUALITY

MEDICA S.p.A.  
Via degli Artigiani, 7  
41036, Medolla (Modena)  
Italia

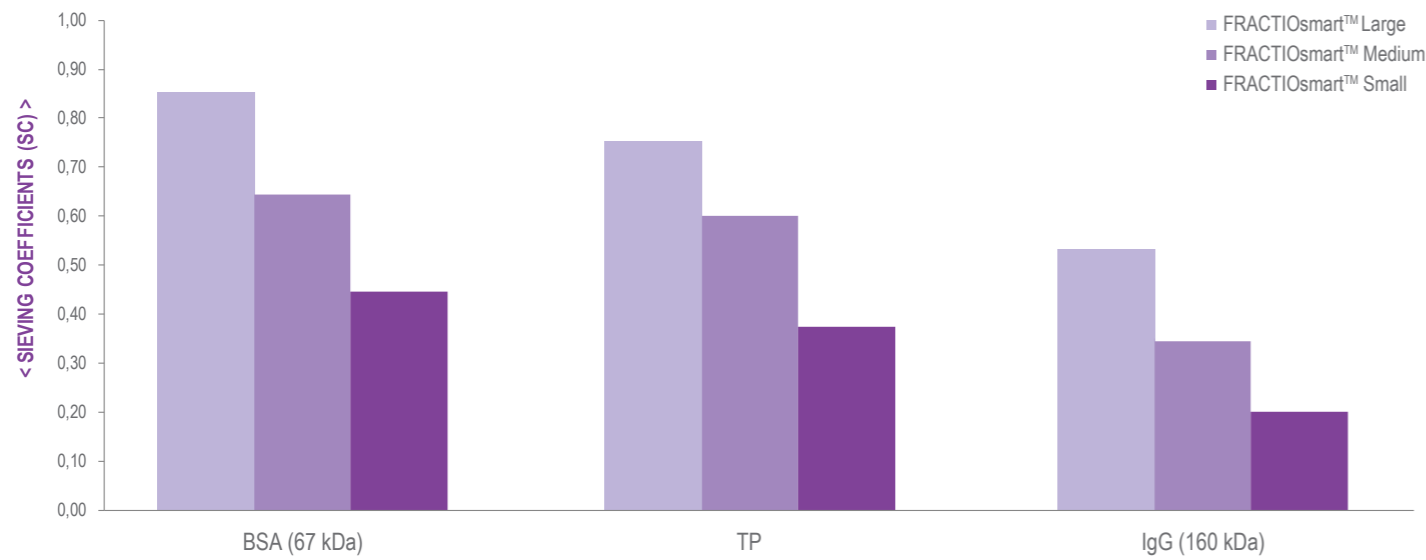
Phone +39 0535 51159  
Fax +39 0535 52605  
info@medica-spa.com  
www.medica-spa.com

CE 0476  
UNI EN ISO 9001:2015  
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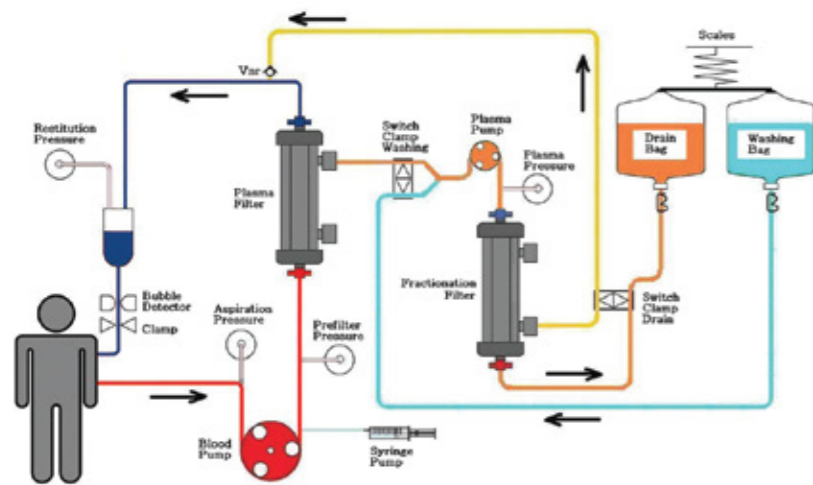
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## APPLICATIONS OF DOUBLE FILTRATION

**FRACTIO**smart™ removes a high molecular weight components from plasma. Immonoglobulin, cryoglobulin, low-density-lipoprotein, viruses are involved in inflammatory, autoimmune diseases and similar forms with acute or chronic decourse. We recommend the use of **FRACTIO**smart™ with our **A**FERsmart™ and **A**FERsmartPlus™



## DOUBLE CASCADE FILTRATION



Cascade Filtration (CF) consists of a double filter system with the advantages of a selective removal without infusion of exogenous fluids. The separated plasma is pumped into a hollow fibers filter with a different nominal cut-off. The CF is effective in the cast nephropathy, in Waldenstrom's macroglobulinemia, in active cryoglobulinemia. CF is used successfully in Guillain-Barré Syndrome (GBS), Myasthenia Gravis (MG), hypercholesterolemia, Focal Segmental Glomerulosclerosis (FSCS) and recently in the Age-related Macular Degeneration (AMD), Lupus Erythematosus, rhabdomyolysis, acute renal failure due to Multiple Myeloma and others.

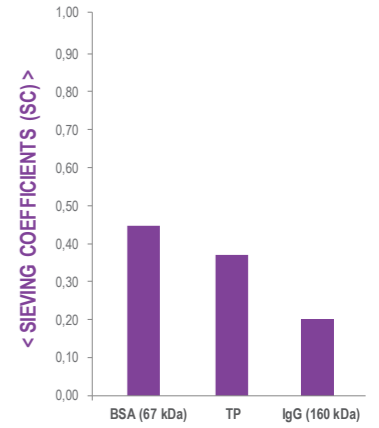
## FRACTIOsmart™ Small

### INDICATIONS



FRACTIOsmart™ Small is indicated for IgG Apheresis to treat immunological disorders.

Product Code | M90149 FRACTIOsmart™ Small 1.0  
M90099 FRACTIOsmart™ Small 2.0

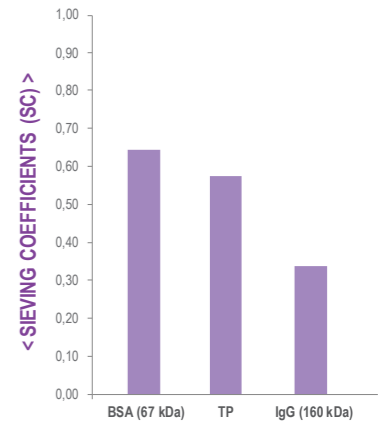


## FRACTIOsmart™ Medium



FRACTIOsmart™ Medium is indicated for immune complexes and IgM Apheresis.

Product Code | M90150 FRACTIOsmart™ Medium 1.0  
M90100 FRACTIOsmart™ Medium 2.0



## FRACTIOsmart™ Large



FRACTIOsmart™ Large is our proposal for LDL Apheresis, LDL apheresis is a form of apheresis, resembling dialysis, to eliminate the cholesterol-containing particle low-density lipoprotein (LDL) from the bloodstream.

It is used in diseases featuring high LDL, such as the rare homozygous familiar hypercholesterolemia, when the heterozygous form does not respond to medical treatment, or when the treatment has led to dangerous side-effects (such as rhabdomyolysis).

Product Code | M90151 FRACTIOsmart™ Large 1.0  
M90101 FRACTIOsmart™ Large 2.0

