

TECHNICAL SPECIFICATIONS AND DATA

MEMBRANE

Material	○ Versatile™-PES Polyethersulfone (PES) + Polyvinylpyrrolidone (PVP)
Filtration area (m2)	1.0 and 2.0
Inner diameter (µm)	220
Outer diameter (µm)	300
Wall thickness (µm)	40
Max TMP (mmHg)	500

HOUSING

Internal diameter (mm) :	32 (1.0 m ²) and 44 (2.0 m ²)
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

M27333 REV.01 MED0416A

FRACTIOsmart™

○ 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 trademark of Medica S.p.A

Distributed by



MANUFACTURER
MEDICA

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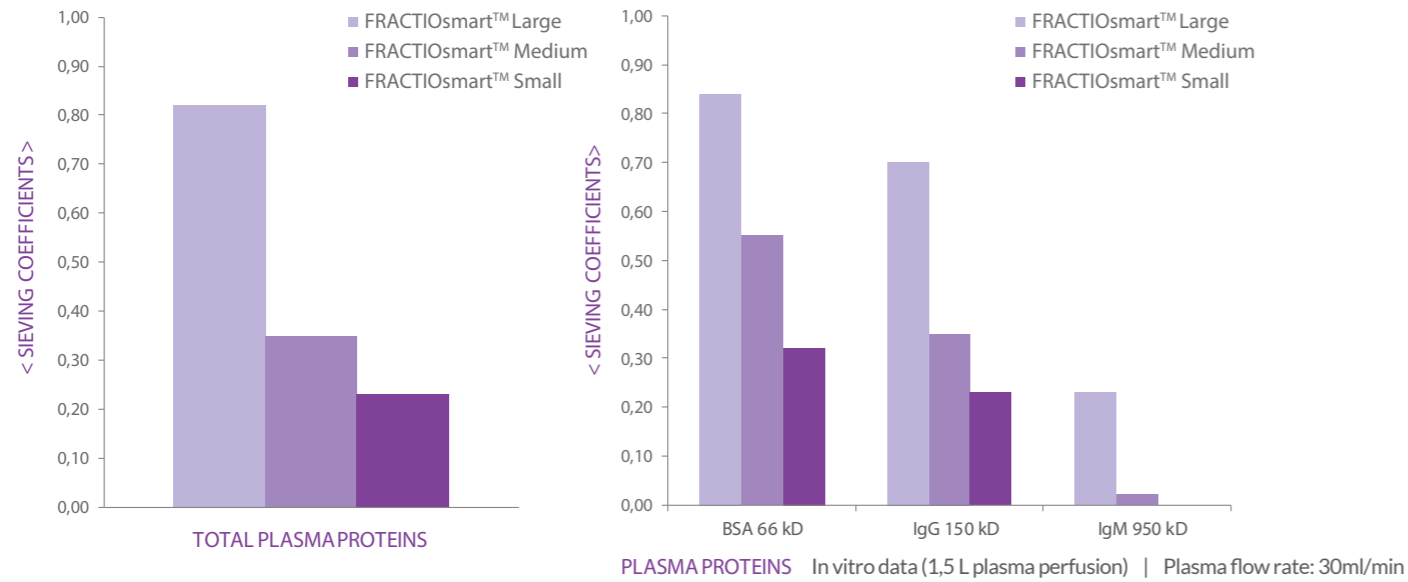
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CE 0476
UNI EN ISO 9001: 2008
UNI CEI EN ISO 13485: 2012

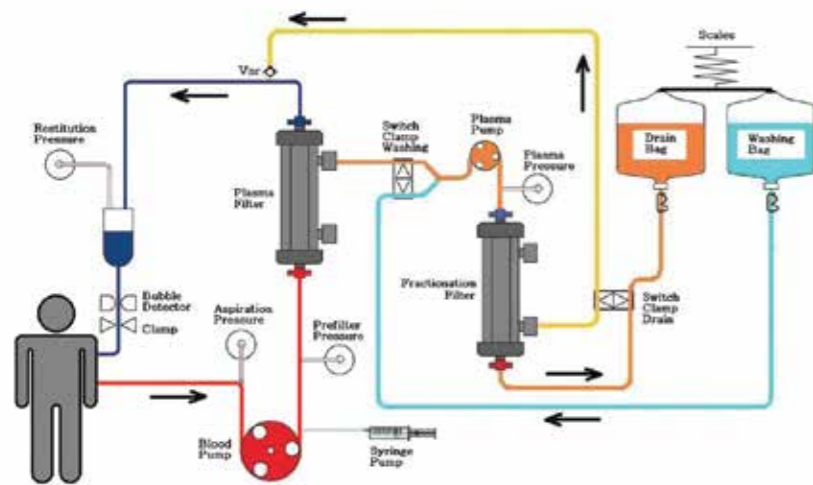
Gruppo
MEDICA
Group

APPLICATIONS OF DOUBLE FILTRATION

FRACTIOsmart™ removes a high molecular weight components from plasma. Immunoglobulin, 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™ Apheresis Unit.



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 Waldenström's macroglobulinemia, in active cryoglobulinemia. CF is used successfully in Guillain-Barré Syndrome (GBS), Myasthenia Gravis (MG), hypercholesterolemia, Focal Segmental Glomerulosclerosis (FSGS) and recently in the Age-related Macular Degeneration (AMD), Lupus Erythematosus, rhabdomyolysis, acute renal failure due to Multiple Myeloma and others.

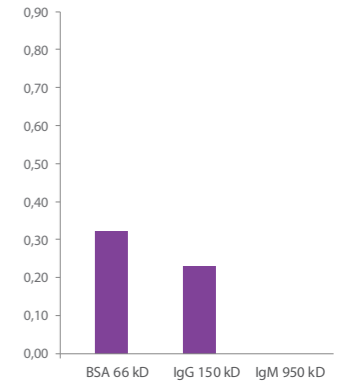
FRACTIOsmart™ Small

INDICATIONS



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

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

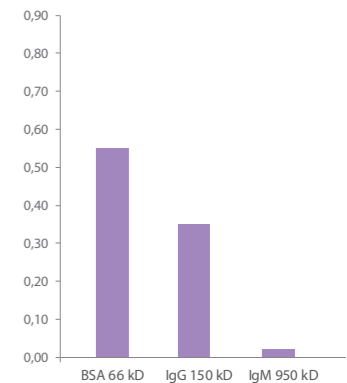


FRACTIOsmart™ Medium



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

