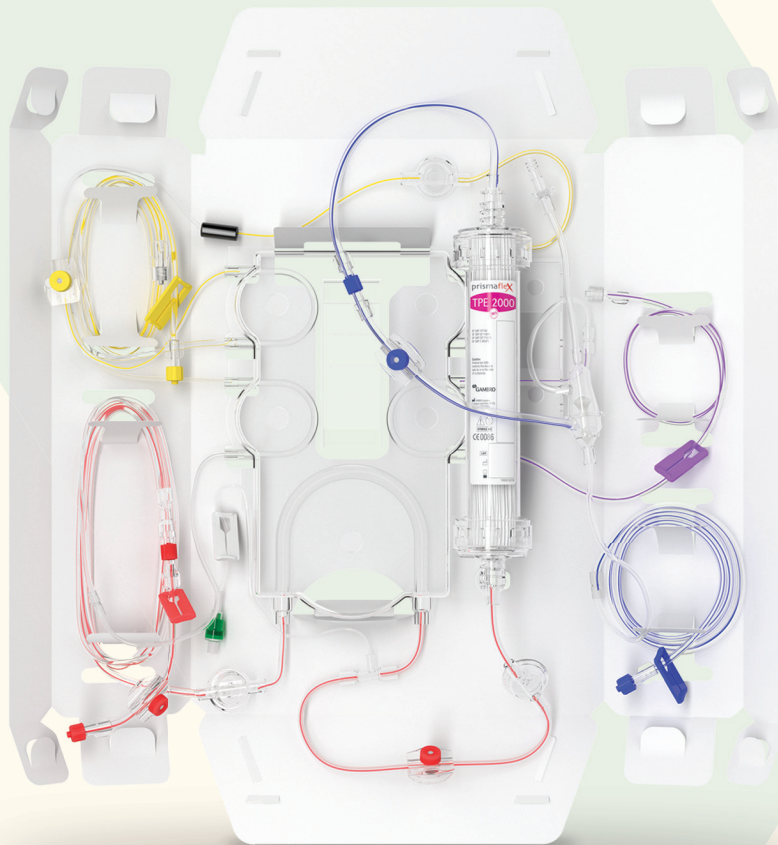




TPE 1000 / TPE 2000

Pre-connected Sets for Therapeutic
Plasma Exchange
Powered by **PrisMax** and **Prismaflex**

TPE 1000 / TPE 2000 SETS

The **Prismaflex** TPE1000/TPE2000 set is indicated for use only with the **Prismaflex** control unit or with the **PrisMax** control unit (in countries where **PrisMax** is cleared or registered). Both sets are intended for use in therapeutic plasma exchange, thus in diseases where removal of plasma components is indicated.

The plasmafilter is pre-connected to a blood access line (red-striped), a blood return line (blue-striped), and an effluent outlet line (yellow-striped). The other pre-connected lines of the set include a post-filter replacement solution line (purple-striped), a pre-blood pump line (white-striped) and a syringe pump line for extracorporeal anticoagulation.

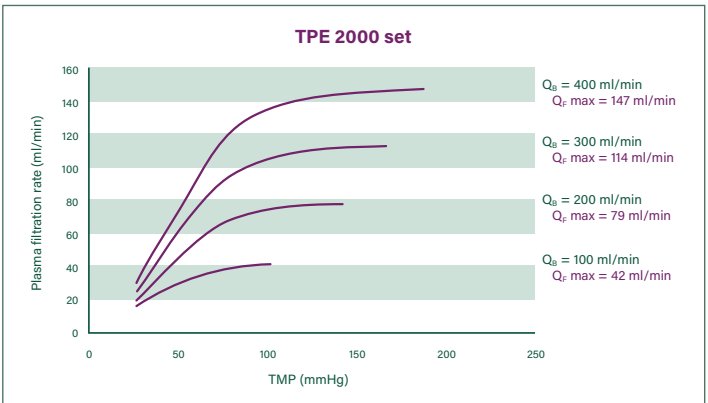
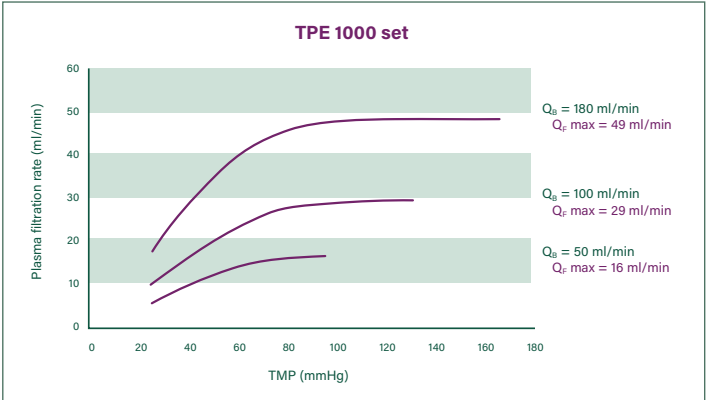
General Data		
	TPE 1000 Set	TPE 2000 Set
Weight	680g	760g
Blood volume in set ±10 %	71 ml	125 ml
Blood priming volume	23 ml ±10%	41 ml ±10%
Minimal patient weight	9kg	adult
Materials		
Plasmafilter hollow fiber: Polypropylene		
Filter housing and headers: Polycarbonate		
Tubing material: Plasticized polyvinyl chloride (PVC)		
Cartridge: Polyethyleneterephthalate Glycol (PETG)		
Sterilization mode: EtO (ethylene oxide)		
Filter operating specifications		
Maximum blood flow rate: TPE 1000 set: 180 ml/min TPE 2000 set: 400 ml/min		
Minimum blood flow rate: TPE 1000 set: 50 ml/min TPE 2000 set: 100 ml/min		
Filter data		
Nominal physical characteristics		
Effective surface area: TPE 1000 set: 0.15 m² TPE 2000 set: 0.35 m²		
Fiber internal diameter (wet):	330 µm	
Fiber wall thickness:	150 µm	

Ordering Information for PRISMAFLEX and PRISMAX		
	Code No.	No. units/box
TPE 1000 Set	107143	4
TPE 2000 Set	107144	4

Performances
Sieving coefficient
(In vivo data, 19 treatments) Albumin = 0.97, IgG = 1, Apolipoprotein B = 0.95, IgM = 0.92
Plasma filtration with blood
In vitro data, values ±20% (Bovine blood at 37°C, hematocrit 32%, Protein concentration 60 g/l) Plasma filtration is controlled by Prismaflex and PrisMax systems and is independent of the ultrafiltration coefficient.

Plasma Filtration Rate (QF) capability and transmembrane pressure (TMP) with increased blood flow rate (Qb).

Adequate plasma filtration rate can be achieved with small increases in TMP.



Not all products and therapies are available in all countries.

For safe and proper use of the devices mentioned herein, please refer to the Instructions for Use.



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