



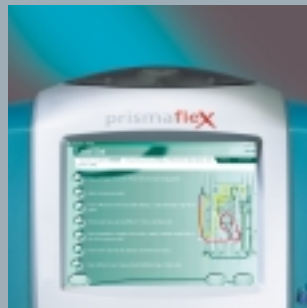
prismaflex

INTERNATIONAL MARKETING

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prismaflex



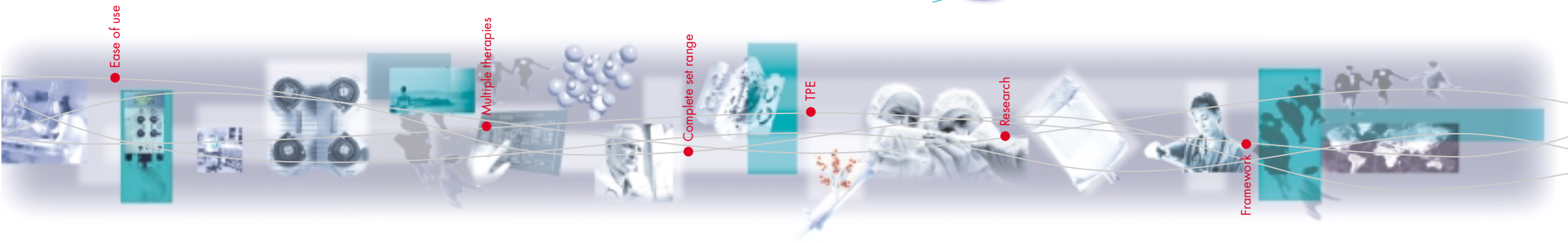
DISCOVER FLE~~X~~IBILITY

HOSPITAL
Renal Intensive Care



prismaflex

leading the way...



For many years, we have focused our efforts on the development of Continuous Renal Replacement Therapies and other extra-corporeal blood purification therapies.

With the Prisma System, we set the standard for CRRT through innovation.

Combining ease of use and safety, the Prisma System made CRRT accessible for all Intensive Care Units.

Science is changing and so are your requirements. We are proud to introduce to you our newest innovation in the treatment of critically ill patients: the **Prismaflex System**.

Discover flexibility...

Flexibility is key when you want to prescribe the right therapy for each and every patient. With the Prismaflex System, we have enhanced your prescription flexibility by offering a platform with increased therapy options and features. We have kept the ease of use and safety to avoid complexity. Ergonomics, handling of alarms and retrieval of patient/treatment data are improved.

Scientific research and evidence-based medicine in the field of blood purification will continue to evolve. Having access to technology that can follow those trends becomes even more important. The Prismaflex System was designed with this evolution in mind. It is a progressive platform that incorporates the latest technology allowing you to explore new horizons.

The Prismaflex is a full-featured System ready for therapeutic innovation today but still open to take the best from tomorrow.

SCUF

Slow Continuous Ultrafiltration

CVVH

Continuous Venovenous Hemofiltration

CVVHD

Continuous Venovenous Hemodialysis

CVVHDF

Continuous Venovenous Hemodiafiltration

HP

Hemoperfusion

TPE

Therapeutic Plasma Exchange





EASE OF USE

Improved user interface based on the Prisma experience with easy-to-understand graphics



FLEXIBILITY

Five pumps to give you multiple therapeutic combinations



SAFETY

Discharge ring to minimize ECG interference



Born from your experience and our expertise...

Ease of use

The Prismaflex System user interface is designed to be highly user-friendly. It combines vivid colours and clear graphics on a large 12 inch touch screen. Incorporating Prisma System's proven approach to ease of use, the Prismaflex System touch screen guides you through the machine's functionalities using written and graphical instructions. The step-by-step instructions on the screen make set installation very easy, as each step is accompanied by an illustration with color codes matching those of the sets. The Prismaflex System will automatically load all pump segments and the circuit will be automatically primed quickly and completely.

Safety

The Prismaflex safety system is designed to be more proactive, offering many helpful features, such as, automatic bar code identification of the set and customized default safe values. Fewer manual interventions are required since the smart alarm system is more responsive, with the ability to analyse, and in some cases, to filter "false" alarms without compromising safety.

Patients in Intensive Care often need to be moved; a specific temporary disconnection procedure is available. For increased security and ease in handling this procedure, a recirculation mode is included with specific instructions.

The Prismaflex System features unique air management, including a deaeration chamber, with automatic blood level adjustment, keeping the extracorporeal volume very low.





Bar code reader with automatic recognition of the set



Multiple IT ports to connect Prismaflex to your ICU central monitoring system



Uniquely designed deaeration chamber with low volume

Flexibility

A new “pre-blood pump” allows the infusion of supplemental solution for hemodilution or anticoagulation of the extracorporeal circuit. Additionally, the operator has the flexibility of selecting either an hourly infusion rate or a fixed solution-to-blood ratio.

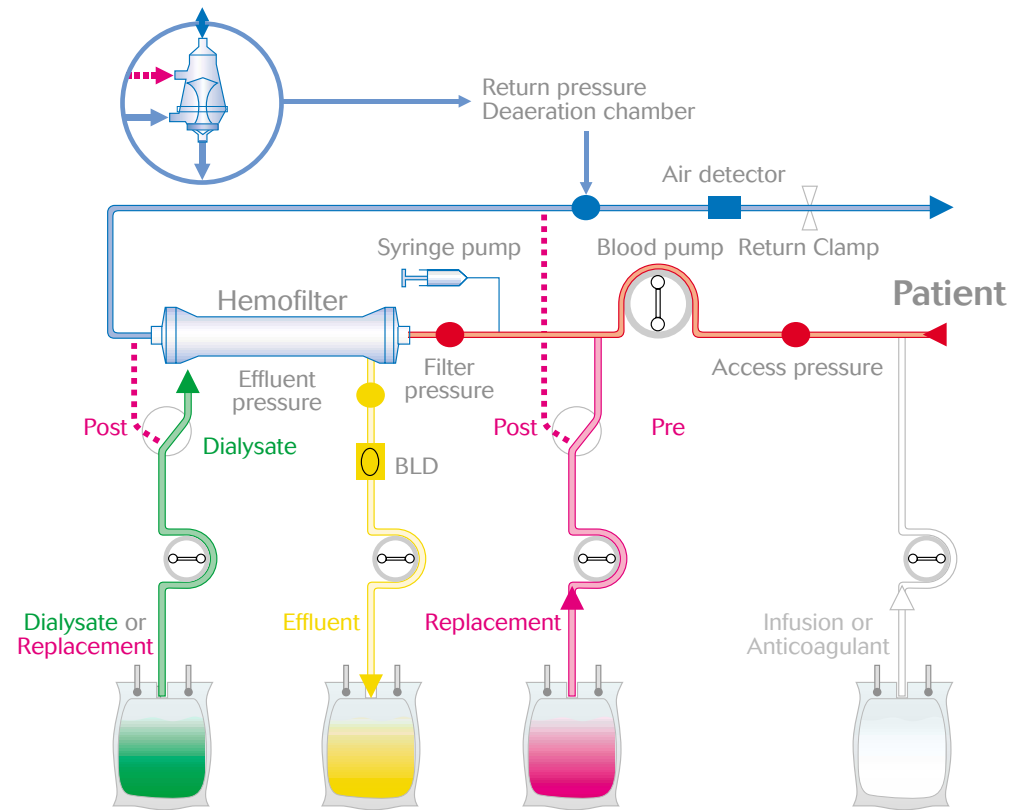
In addition to a new, fifth infusion pump, the Prismaflex System comes with two integral “pinch” valves for the management of pre- and post-solution infusion. Now, it is possible to change the pre- and post-infusion mixing points during a treatment, using the same set. Therapeutic flexibility is greatly improved, while operator interventions are reduced.

The Prismaflex System is equipped with four high precision scales that have been ergonomically designed to facilitate bag handling. The independent infusion scales will allow the use of different fluid compositions. Sudden bag movements are filtered by the software to avoid nuisance alarms.

The large blood pump provides for high blood flow rates and high flow treatments. The Prismaflex System has wide flow rate capabilities. For example, blood flow range is up to 450 ml/min, while fluid exchange volume is up to 8 l/h. The total effluent pump volume is up to 10 l/h.

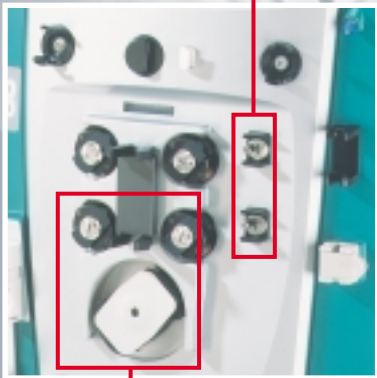
Framework

The Prismaflex System is an important addition to our global framework, supporting you in providing high quality and effective blood purification programs. Our network will continue to help you in implementing this new technology with the same dedication and experience as they have for the last 20 years.



Hydraulic circuit of Prismaflex

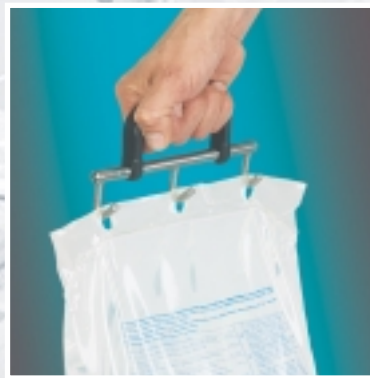
Two integral pinch valves for the management of pre- and post-solution infusion



The pre blood pump flow will be automatically adjusted in case of blood flow alterations during treatment (to keep a constant PBP/Blood ratio)



4 independent high precision ergonomically designed scales



Ergonomically designed scale handles reduce risks for the nursing staff



One single set for enhanced prescription...

- Every set configuration can be used to perform all CRRT therapies (SCUF, CVVH, CVVHD, CVVHDF) in pre- and post-dilution through pinch valve management.
- All lines are preconnected and colour-coded to avoid contamination and improper set-up.
- The set will be automatically loaded, primed and recognized by the machine through the bar code reader.
- An integrated discharger ring will reduce ECG interference caused by roller pump devices.
- Low extracorporeal blood volume.
- Semi-automatic air management to avoid blood-air interface.
- Upstream blood flow in the dialyser to have the best deaeration.

| Model | Type of membrane | Filter surface area | Application |
|-------------|------------------|---------------------|----------------------|
| M60 | AN69 | 0.6 m ² | CRRT above 15 kg |
| M100 | AN69 | 0.9 m ² | CRRT incl. High Flow |
| HF1000 | PAES | 1.1 m ² | CRRT incl. High Flow |
| HF1400 | PAES | 1.4 m ² | CRRT incl. High Flow |
| TPE 1000 | Polypropylene | 0.15 m ² | TPE |
| TPE 2000 | Polypropylene | 0.35 m ² | TPE |
| Adsorba 150 | NA | NA | Detoxification |
| Adsorba 300 | NA | NA | Detoxification |



Quick and easy set-up



Covered pump segments



The air/blood interface is avoided by having the replacement solution entering above the blood



Pre blood infusion to allow full circuit hemodilution

