

# Available Treatments

**TekMed-infomed**  
Blood euration devices

## CVVH - Continuous haemofiltration

Combined pre and postdilution, automatic adjustment of predilution

## HVVH - High volume haemofiltration

Up to 12 l/h of exchange flow

## SCUF - Slow continuous ultrafiltration

## CVVHDF - Continuous haemodiafiltration

## Plasma exchange

## Double filtration

Cascade filter rinsing by flush

## CPFA

Helps curing sepsis and septic shock



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**HF 400**  
**HF 440**

# Special Features

# Data Management

## Blood epuration devices



Heparin pump

CPFA

Clamps & filter holder for DF

Bottle waste collection & waste pump

Plate heater

Haematocrit variation sensor

Range of scales from 0 to 40 kg

### Display

- total volumes on selectable period of time
- masses, pressures, haematocrit variations and heparin volume on diagram
- history of all alarms and operators actions

### For all treatments

- Autopriming
- Paediatric kit
- Tubing sets in pre-assembled kit
- No handling of waste, pump out system to drain

Up to 300 hours of treatments recorded

Possible connection to computer network

BLOOD		Pressures mmHg	
Real flow	150 ml/min	Arterial	1000
Max flow	150 ml/min	Venous	0
EXCHANGE		Pressure	256 mmHg
Plasma volume	2.0 l	Rinse number without alarm	0
Plasma/Blood	30 %	Weight variation	0 g
Treatment end	00:00	Next intervention	Stop

## TECHNICAL DATA

### Flows

#### Haemofiltration

Blood: 0, 30 to 400 ml/min, exchange: 0 to 12 l/h

#### Haemodiafiltration

Blood: 0, 30 to 400ml/min, filtrate: 0 to 4l/h, dialysate: 0 to 8 l/h

#### Plasma exchange and double filtration

Blood: 0, 30 to 250 ml/min, plasma: 0 to 4 l/h

#### Paediatric haemofiltration and plasma exchange

Blood: 0, 10 to 100 ml/min, plasma: 0 to 1.5 l/h

#### Single needle haemofiltration, double filtration and plasma exchange

Blood: 0, 30 to 250 ml/min, filtrate: 0 to 4 l/h

Fluid balance accuracy: + 0.2% of exchanged volume

### Heparin pump

All syringe types of size 10 to 60 ml

Bolus: 0 to 15 ml of heparin

Continuous doses: 0 to 15 ml/h

### Pressure limits

Arterial: -300 to +20 mmHg

Venous: -20 to +300 mmHg

TMP: 0 to +600 mmHg

Prefilter: 0 to +600 mmHg

Cartridge: -20 to +600 mmHg

### Scales

Standard: 0 to 18 kg ± 6 g

Optional: 0 to 40 kg ± 15 g

### Main Alarms

Air in venous line

Blood leak detection

Arterial pressure beyond limits

Venous pressure beyond limits

Substitution bag empty

Waste container full

Unprecise fluid balance

Heater temperature too high

### Electrical specifications

Power supply: 90 to 240 VAC, 45-65 Hz

Consumption: 100 VA/ 850 VA without/with heater

### Weight and dimensions

Weight: 40 kg

Dimension: 54 x 62 x 160 cm