



Diapact[®] CRRT

Acute Dialysis/Plasma Therapy System

The Diapact System has been designed with a very unique software approach called HomeoSAFE

Benefits of Diapact[®] CRRT

- Freedom to move within all therapies at any time
- Options to do pre/post dilution
- Unsurpassed fluid exchange accuracy due to only one load cell
- Load cell can accommodate up to 25 l (5 bags)
- Integrated Fluid Heater (20 to 39°C)
- Heparin pump (perfusor) linked to the software RS 232 with data connectology (DCI)
- Nurse call option integrated
- Full flexibility in terms of Acute Blood Purification like:
 - ▶ SCUF
 - ▶ CVVH/HVHF /IHF
 - ▶ CVVHD/CVVHFD/IHDF
 - ▶ PEX/TPE
 - ▶ PAP
 - ▶ Cascade Filtration



Product Information

Dimensions and Weight

Dimensions (h x w x d)	1260 x 480 x 500 mm
Weight	45 kg

Electrical Data

Nominal voltage	110/240 V AC
Nominal frequency	50/60 Hz
Nominal current	3.5 A
Electrical safety	EN 60601-1
Electromagnetic compatibility	EN 60601-1-2

Environmental Conditions

Rel. humidity	30 to 90%
Temperature	+15 to +40°C
Atmos. air pressure	700 to 1060 mbar
Moisture protection	IP 21
Classification	IIb, type B
Data connection	RS-232
Staff call connection	max. 24 V/1A

Blood Side

Blood flow	10 to 500 ml/min
Arterial pressure range	-400 to +300 mmHg
Venous pressure range	0 to +380 mmHg
Pre-filter pressure range	0 to +650 mmHg
Safety air detector	ultrasound

Anticoagulation*

Continuous	0 to +10 ml/h
Bolus	0 to +10 ml
Stop time	00:00 to 02:00 h:min

Balance Side

Dialysate flow	0 to +400 ml/min
Substitution flow	0 to +250 ml/min
Filtrate flow	0 to +300 ml/min
Weight reduction	0 to +2000 g/h
Load cell operating range	0 to +27 kg
Plate warmer temperature range	20 to 40°C
Filter inlet pressure range	-50 to +400 mmHg
Filter outlet pressure range	-400 to +500 mmHg
Blood leak detector	optical, color specific

Manufactured in compliance with MDD 93/42/EEC

Machine	Article number
Diapact [®] CRRT	7106505
Option	
Perfusor Interface for anticoagulation with Perfusor [®] fm or Compact Perfusor	7102505

*Only in combination with option Perfusor Interface

Diapact® CRRT Systems

Standard Product Range

Kits for Diapact® CRRT			
Type	Art. No.	Units per box	Features
Hemofiltration/Hemodialysis Kit for CVVH/CVVHD/CVVHFD/HF/HFD/HD	7210349	4 Pcs	with 2 bag connectors and 2 UF collecting bags
	7210635	4 Pcs	for high volume therapies with 4 bag connectors and 4 UF collecting bags
	7210492	4 Pcs	pre-assembled with 3 bag connectors and 2 UF collecting bags
	7210657	4 Pcs	for recirculation of dialysate with connecting line for UF collecting bags
PEX Kit for Plasma Exchange	7210348	4 Pcs	
PAP Kit for Plasma-Adsorption-Perfusion	7210352	4 Pcs	with Adsorber-Bypass-Adapter
SCUF Kit for Slow Continuous Ultrafiltration	7210351	4 Pcs	

Single Lines, Bags and Adapters for Diapact® CRRT			
Type	Art. No.	Units per box	Features
Arterial line	7210353	50 Pcs	with arterial chamber
Venous line	7210208	50 Pcs	
Substitute/Dialysate inlet line	7210357	50 Pcs	with 2 bag connectors
	7210636	50 Pcs	for high volume therapies with 4 bag connectors
Filtrate/Dialysate outlet line	7210358	50 Pcs	with 2 bag connectors
	7210637	50 Pcs	for high volume therapies with 4 bag connectors
7 l UF collecting bag	7210631	50 Pcs	with carrier handle
	7210298	50 Pcs	especially for recirculation of dialysate
Adsorber Bypass Adapter	7210633	100 Pcs	adapter for Plasma-Adsorption-Perfusion
Connecting line	7210008	50 Pcs	especially for recirculation of dialysate
Transducer protector	7210224	1 Pc	for pressure line
Hansen adapter	7210497	50 Pcs	filtrate adapter Hansen/luer-lock filtrate sided