

DECAP<sup>smart</sup> Plus performs therapies of CO<sub>2</sub> removal simple or associated with hemofiltration in total safety.

The characteristics of the system allow treatments lasting up to 5 days without any replacement or modification of the disposable kit in both therapeutic approaches.

DECAP<sup>smart</sup> Plus allows blood flows varying between 30 and 450 ml / min and when used in ECCO<sub>2</sub>R+HF to infuse liquids in post-dilution up to 6 liter / h; in this treatment the clever use of a modular clamp allows the management of a weight loss between 10 and 1000 gr/h.

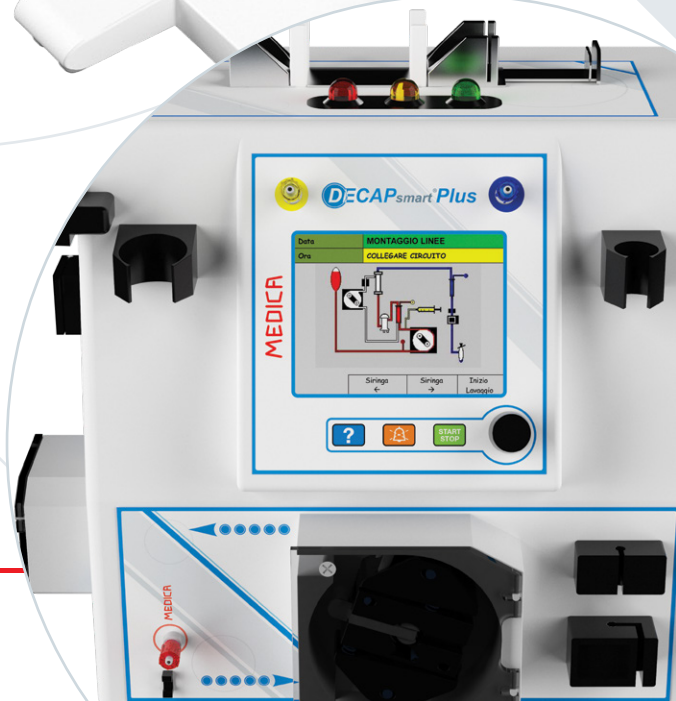
The interface is simple and intuitive, based on a color well organized display, a thumbwheel and 3 buttons.

## KIT ECCO<sub>2</sub>R

- complete set of lines marked with color codes to perform a safe and quick assembly
- an oxigenator made of Polymethylpentene

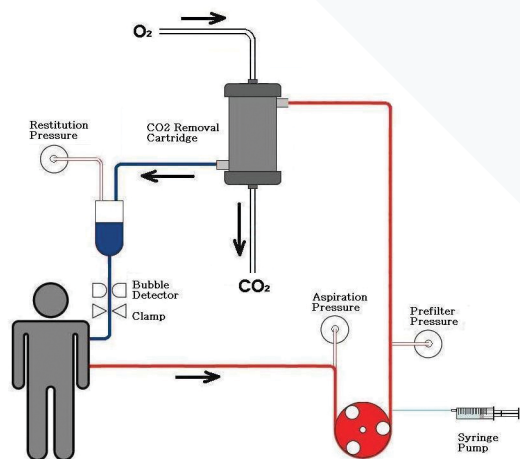
## KIT ECCO<sub>2</sub>R+HF

- set of lines marked with color codes to perform a safe and quick assembly
- an oxigenator made of Polymethylpentene
- an hemofilter 1.2 sqm

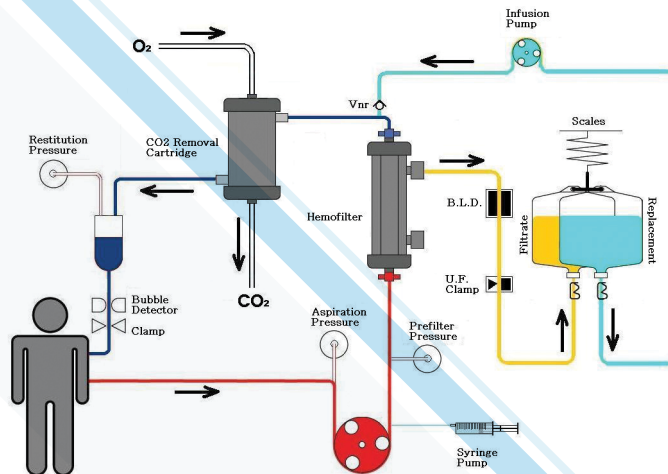


## AVAILABLE TREATMENTS

ECCO<sub>2</sub>R and ECCO<sub>2</sub>R+HF are minimally invasive techniques due to the small blood flow that rarely exceeds 350 ml / min, using temporary vascular access for dialysis shunt. The removal of CO<sub>2</sub> takes place thanks to an oxygenator. In the treatment of ECCO<sub>2</sub>R +HF the hemofilter located upstream of the oxygenator allows an adequate renal support if there is an organ failure in addition to optimizing the process of removing carbon dioxide with the oxygenator.



CO<sub>2</sub> REMOVAL



CO<sub>2</sub> REMOVAL + HF

### TECHNICAL DATA

Class	1 tipo BF	
QB Blood flow	Variable from 5 to 450 ml / min - resolution 5 ml / min	
Q Infusion flow	Varying from 600 to 3000 ml / h - resolution 50 ml / h	
Q weight loss	Variable from 0 to 500 ml / h - resolution 50 ml / h	
Syringe pump	Capacity 30 ml syringe	
	Continuous infusion of 0.1 to 20 ml / h with steps every 30 "	
	Bolus infusion in 0.1 to 5.0 ml with the period from 5 to 60 min	
Aspiration pressure	Range -300: +250 mmHg - 10 mmHg resolution Accuracy: ± 10 mmHg	
Restitution pressure	Range -100: +400 mmHg - 10 mmHg resolution Accuracy: ± 10 mmHg	
Pre-filter pressure	Range -100: +400 mmHg - 10 mmHg resolution Accuracy: ± 10 mmHg	
Air bubble detector	Ultrasound can detect bubbles > = 100 µl	
Modular Ultrafiltration Clamp	Type of trapping,	
Fluid control	A gravimetric balance, maximum capacity 12 Kg - resolution 3 gr	
Display	Color Display 4.7 "	
Parameter selection, start / stop, confirmation and silencing	Executable WITH wheel selector and 3 buttons	
Parameter selection, start / stop, confirmation and silencing	executable wheel selector and 3 buttons	
DECAPsmart®Plus	(230V, 50-60 Hz)	(115V, 60Hz)
Product Code	M03981	M90094

### ELECTRICAL DATA

Power supply	230 V (+/-10%)
Frequency	50 Hz
Power adsorption	52 VA under normal conditions 110 VA for a second reopening elettropinza

### DIMENSIONS AND WEIGHT

Height Equipment	360 mm
Width	370 mm
Depth	290 mm
Weight	12 Kg
Trolley Height	930 mm
Trolley base	440x500 mm
Maximum height pole	1970 mm
Trolley weight	21 Kg

### ENVIRONMENTAL WORKING CONDITIONS

Temperature	Range 15 : 35 °C
Humidity	maximum 80% non-condensing
Atmospheric Pressure	Range 70 : 106 kPa

### ENVIRONMENTAL TRANSPORT AND STORAGE

Temperature	Range -20 : +60 °C
Humidity	Range 10 : 96% non condensing

M27300REV 02 CDP170418C  
Technical features are subject to change without prior notice  
This document does not have contractual value

## MANUFACTURER

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UNI CEI EN ISO 13485:2016  
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