

# VitaSmart

**Disposable Set for Kidney Perfusion**

**KOP03K**

**Instructions for Use**

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LU 311 The Light Bulb | 1 Filament Walk | London SW18 4GQ



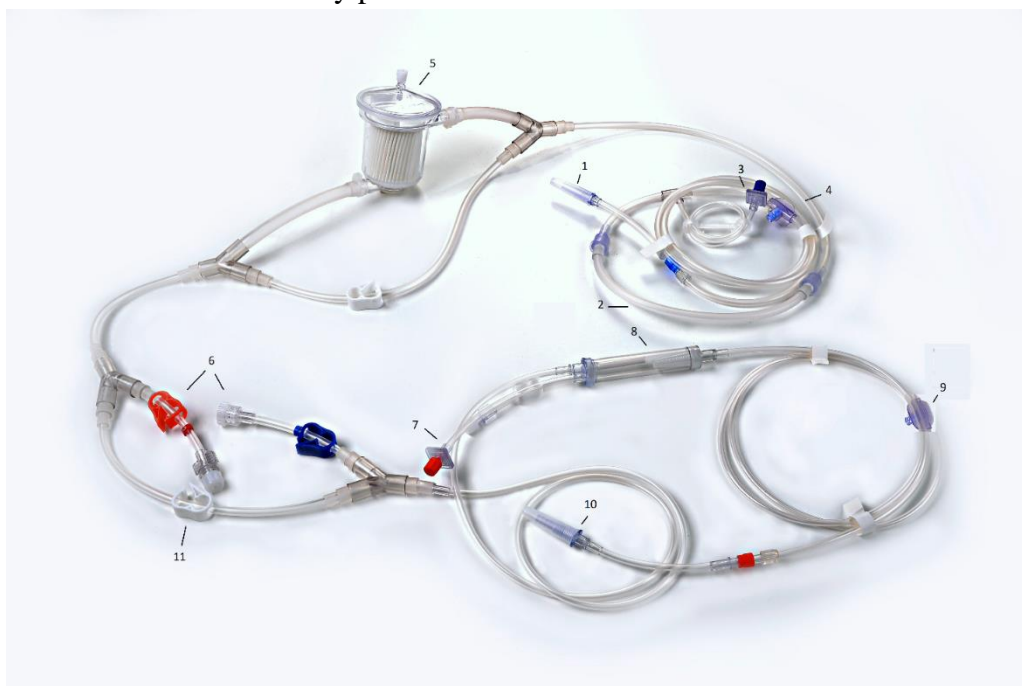
# DISPOSABLE SET FOR KIDNEY PERFUSION KOP03K

The disposable set consists of the following articles

Q. ty	Ref	Description
	<b>KOP03K</b>	<b>Kit per la perfusione di rene da trapiantare / Kit for organ perfusion in kidney transplantation</b>
1	M90355	Linea unica perfusione rene - ETO STERILE / Single line for kidney perfusion - ETO STERILE
1	M27401	IFU perfusione organo rene / IFU kidney perfusion
1	EU4391	TUBO PER OSSIGENO CON FILTRO GAS - ETO STERILE / OXY TUBE WITH GAS FILTER - ETO STERILE
1	EU0924	IFU per tubo ossigeno EUROSETS / IFU OXY TUBE
1	M90361	Accessorio tag per perfusione rene - NS / Tag accessory for kidney perfusion - NS

## Instructions

- ✓ Extract the passive RFID tag, ref M90361 placed inside a pocket fixed to the inner side of the box lid. The tag contains information about the Disposable set reference, lot and expire date
- ✓ Insert the RFID tag into the reader on the front panel of the Vitasmart. Keep it on the reader for the whole duration of the procedure. If the RFID tag matches the selected procedure, the Vitasmart will accept it and goes to the next step. If not the machines stops until a new/proper tag is inserted.
- ✓ Extract the line for Kidney perfusion ref M90355 from the box



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- ✓ Put the pump segment (2) on the rollers of the anterior pump of Vitasmart. Refers to the user manual of Vitasmart too.
- ✓ Connect the line with the Blue Transducer Protector (3) to the Blue pressure connector on the front panel of Vitasmart
- ✓ Put the filter (5) on the specific holder
- ✓ Insert the chamber (8) into the black holder on the front panel of Vitasmart
- ✓ Insert the line exiting the chamber in the Vitasmart air bubble detector
- ✓ Connect the line with the Red Transducer Protector (7) to the Red pressure connector on the front panel of Vitasmart

### When using the Oxygenator

- ✓ Insert the Oxygenator ref EU5054 into the holder of the Vitasmart
- ✓ Connect the line segments (6) to the respective connectors of the Oxygenator connectors making attention that the colors match. Refer also to the Oxygenator EU5054 user manual.
- ✓ Connect the tubing ref EU4391 to the oxygen inlet of the Oxygenator. Plug the other end of the tubing to the oxygen blender of the oxygen outlet.
- ✓ Close the white clamp (11)

### When not using the Oxygenator

- ✓ Close the clamps on the line segments (6)
- ✓ Open the white clamp (11)

### In both cases

- ✓ Remove the cap and immerse the end of the line (1) in the bowl containing the perfusion solution.
- ✓ Remove the cap and put the line end (10) in the bowl.
- ✓ Begin the priming procedure on the Vitasmart (refer to its manual )  
ATTENTION: During the priming, procedure the organ must NOT be connected to the line.
- ✓ After 200 ml of solution have flown trough the line , close the clamp on the inferior bypass segment of the filter (5).
- ✓ Fill the chamber (8) up to 2/3rd. To do so remove the cap on the top pf the chamber. Replace the cap when the chamber is filled.
- ✓ Verify that solution flows through the line and comes out from the line end (10)
- ✓ When the circulated volume of solution reaches 600 ml it is possible to stop the priming and starting the organ perfusion.
- ✓ Connect the line end (10) to the cannula previously inserted on the kidney artery.
- ✓ During the perfusion it is possible to take samples of the solution through the needle-free valves (4,9)
- ✓ FOLLOW THE INSTRUCTIONS DESCRIBED IN THE VITASMART USER MANUAL.