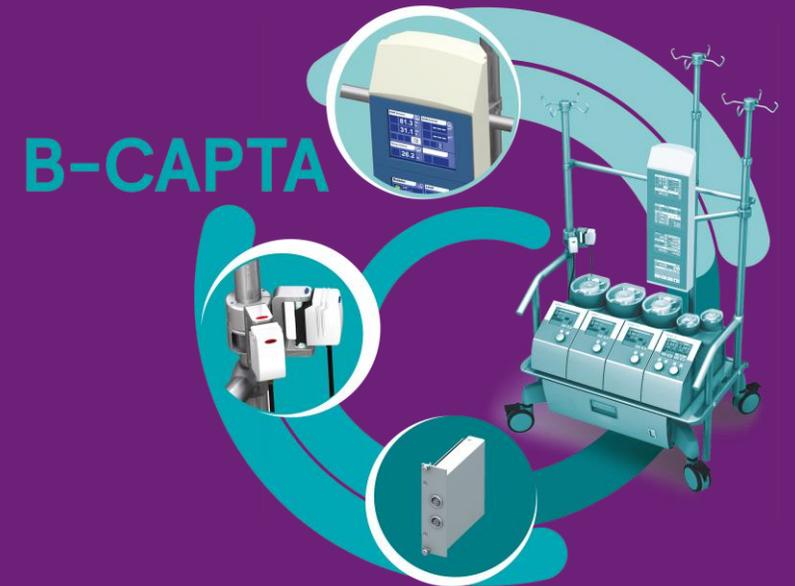


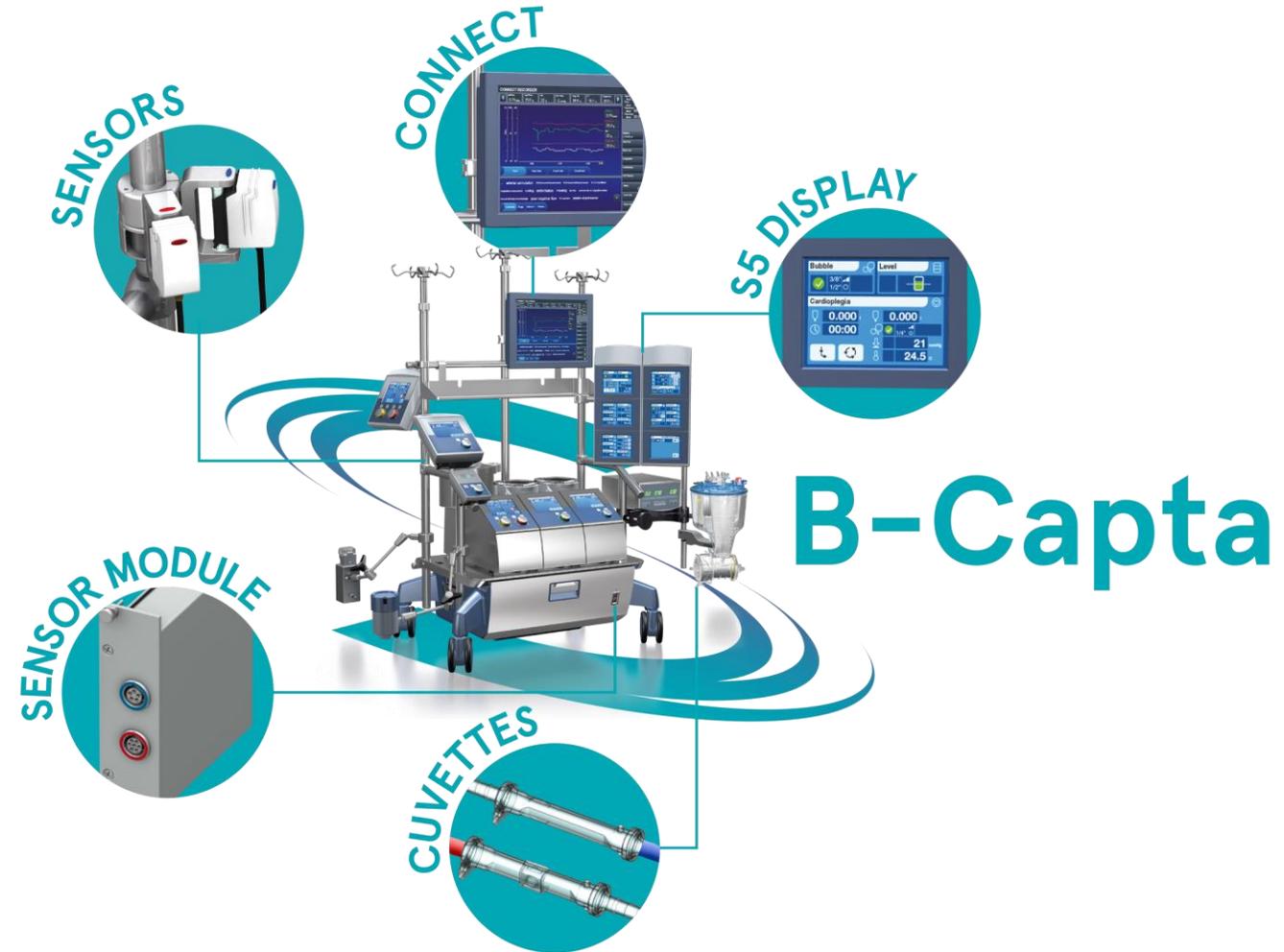


B-CAPTA Customer Presentation

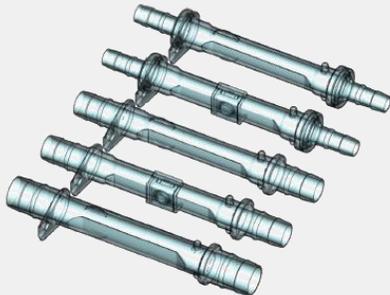


B-Capta®

The new ready-to-go
in-line blood-gas monitoring system,
integrated into the S5.



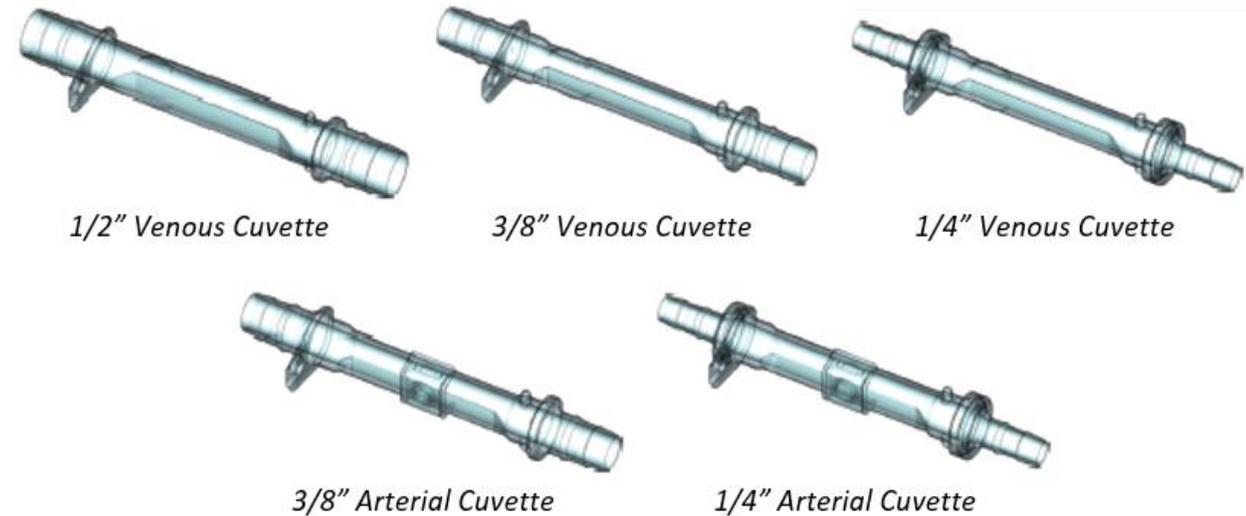
B-Capta – Components

Venous sensor	Arterial sensor	Mast-mountable holder with venous and arterial reference element	Sensor module	Disposable venous and arterial cuvettes								
				 <table border="1" data-bbox="1977 943 2448 1272"> <thead> <tr> <th data-bbox="1977 943 2211 1065">Venous Cuvettes sizes</th> <th data-bbox="2211 943 2448 1065">Arterial Cuvettes sizes</th> </tr> </thead> <tbody> <tr> <td data-bbox="1977 1065 2211 1136">1/2"</td> <td data-bbox="2211 1065 2448 1136"></td> </tr> <tr> <td data-bbox="1977 1136 2211 1208">3/8"</td> <td data-bbox="2211 1136 2448 1208">3/8"</td> </tr> <tr> <td data-bbox="1977 1208 2211 1272">1/4"</td> <td data-bbox="2211 1208 2448 1272">1/4"</td> </tr> </tbody> </table> <p data-bbox="1997 1286 2321 1365"> - Stand alone cuvettes - PTS cuvettes </p>	Venous Cuvettes sizes	Arterial Cuvettes sizes	1/2"		3/8"	3/8"	1/4"	1/4"
Venous Cuvettes sizes	Arterial Cuvettes sizes											
1/2"												
3/8"	3/8"											
1/4"	1/4"											

B-Capta – Components

Disposable Venous and Arterial cuvettes

The cuvettes are available in different sizes for both venous and arterial lines. The disposable cuvettes are available as sterile stand-alone disposable and may be supplied as preconnected or non preconnected in the Perfusion Tubing Sets (PTS).



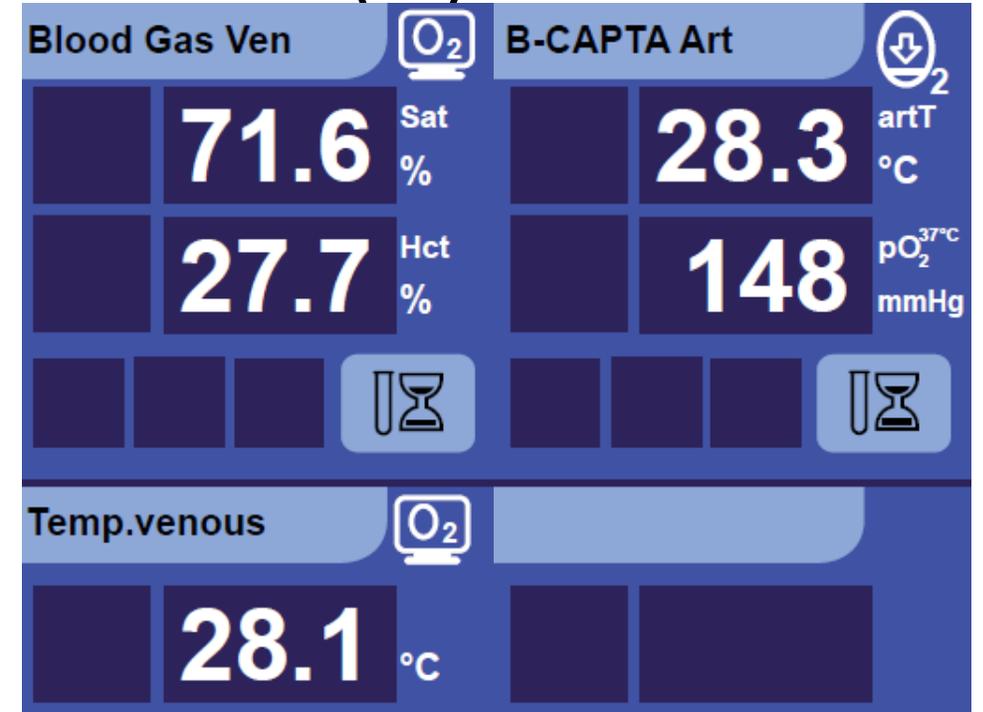
B-Capta technical details

Components	Measured Parameters	Operating Range	Resolution	Measurement Unit	Accuracy	Technology
Venous Sensor	sO ₂	40.0 - 99.9	0.1	%	0,46; +/-1,68	Optical reflectance
	Hct	13.0 - 48.0	0.1	%	-0,71; +/-0,77	
	Hb	4.1 - 15.7	0.1	g/dl	-0,21; +/-0,25	
		41 - 157	1	g/l		
		2.5 - 9.7	0.1	mmol/l		
	venT	15.0 - 41.0	0.1	°C	0,04; +/-0,52	Infrared sensor
Arterial Sensor	pO ₂	50 - 400	1	mmHg	0,30%; +/-5,96	Optical fluorescence
		6.7 - 53.3	0.1	kPa		
	artT	15.0 - 41.0	0.1	°C	0,17; +/-0,26	Infrared sensor

	Cuvette connector size	Min Flow rate	Max Flow rate
Venous cuvette	1/2"	0.5 l/min	8 l/min
	3/8"	0.2 l/min	6 l/min
	1/4"	0.1 l/min	2.5 l/min
Arterial cuvette	3/8"	0.2 l/min	8 l/min
	1/4"	0.1 l/min	2.5 l/min

B-Capta – Graphical User Interface (1)

- ✓ The user interacts with the device through the display of the S5 HLM.
- ✓ The Graphical User Interface supports the user to:
 - **Display values measured by the sensors:**
 - Venous:
 - Oxygen Saturation (Sat)
 - Hematocrit (Hct) or Hemoglobin (Hb)
 - Temperature (venT)
 - Arterial:
 - Partial pressure of oxygen (pO_2^{ACT} or $pO_2^{37^\circ C}$)
 - Temperature (artT)
 - **Select the value to be shown on the main display:**
 - Hct or Hb
 - pO_2^{ACT} or $pO_2^{37^\circ C}$
 - **Change measurement unit** (for Hb and pO_2)
 - **Adjust the measured values** with laboratory values (not applicable for the temperature)
 - Set the **warning limits** for each parameter:
These are intended to inform the operator if the sensor is measuring values outside the set thresholds:



Cause	Parameter				
	Sat	Hct	VenT	pO_2	ArtT
Measured value is outside upper threshold of the set warning limit or the operating range					
Measured value is outside lower threshold of the set warning limit or the operating range					



Thanks for your attention!

