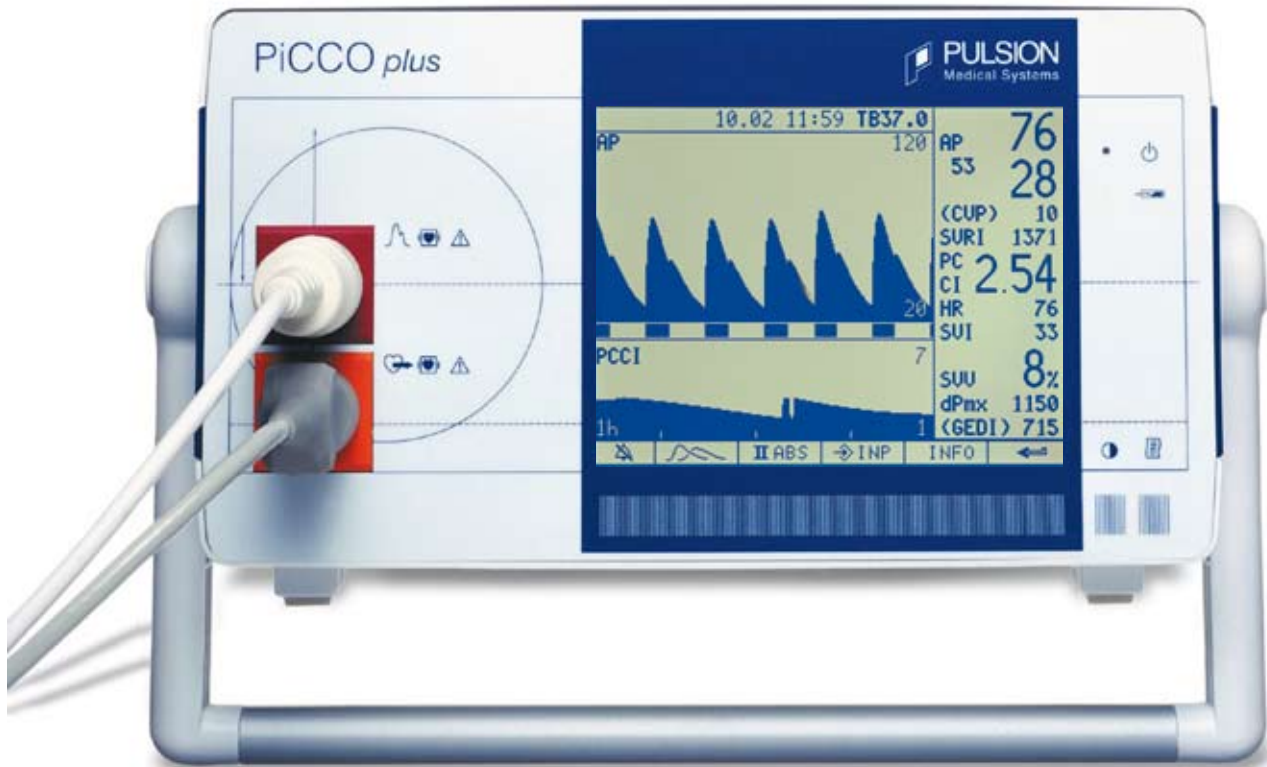


Technical Data

PiCCO *plus*



Less invasive haemodynamic monitoring

- Cardiac output
- Volumetric preload
- Contractility
- Afterload
- Volume responsiveness
- Bedside pulmonary oedema assessment

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Technical Data

General	
Equipment	PiCCO <i>plus</i>
Article Number	PC8100
Equipment Class CE	Ila
Equipment Type	CF defibrillation-proof
Protection Class	I
Accessories	
PiCCO-Catheters and Kits	please refer to PiCCO-Catheter data sheet
Arterial temperature cable and injectate temperature connection cable	Art. No.: PC80150
Injectate temperature sensor cable	Art. No.: PC80109
Pressure connection cable	Art. No.: PMK-206
AUX adapter	Art. No.: PC81200
Main power cable	Art. No.: 401090-F (dependent on country)
Grounding cable	Art. No.: 401080
Thermal printer paper roll	Art. No.: 6005
Electrical Specifications	
Mains Voltage	95 to 240 V
Mains Frequency	50 to 60 Hz
Power Consumption	50 VA max.
Internal Battery	12 V 2.5 Ah
Cell Type	sealed lead D-cells
Charging Time	15 hours
Battery Operating Time	minimum 30 min
Operating Conditions	
Temperature Range	10 to 40 °C
Relative Humidity	30 to 75 % (non condensing)
Atmospheric pressure range	700 to 1060 hPa
Transport and Storage Conditions	
Temperature Range	0 to 70 °C
Relative Humidity	20 - 90 % (non condensing)
Atmospheric pressure range	700 - 1060 hPa
Physical Attributes	
Size (W x H x D)	260 x 158 x 250 mm
Weight	4.8 kg
Standards	
EN 60601-1:1990 + A1:1993 + A2:1995	Class I
EN 60601-1-1:2002	3x Type CF Applied Part
EN 60601-1-2:2002	IPX0
EN 60601-1-4:2001	
EN 60601-2-34:2001	
User Interface	
User Controls	Key pad
Data Transmission Capabilities	
Interfaces	RS232

Parameters

Category	Parameter	Label	Unit	Lower limit	Upper limit	Accuracy*
• Flow	Pulse Contour Cardiac Output	PCCO	l/min	0.25	25.0	Coefficient of variation ≤ 3 % ± 3 %
	Cardiac Output	CO	l/min	0.25	25.0	Coefficient of variation ≤ 1 % ± 1 %
	Stroke Volume	SV	ml	1	250	Coefficient of variation ≤ 3 % ± 3 %
• Preload	Global End-Diastolic Volume	GEDV	ml	40	4800	Coefficient of variation ≤ 2 % ± 2 %
	Intrathoracic Blood Volume	ITBV	ml	50	6000	Coefficient of variation ≤ 2 % ± 2 %
• Volume Responsiveness	Stroke Volume Variation	SVV	%	0	50	Calculated
	Pulse Pressure Variation	PPV	%	0	50	Calculated
• Contractility	Global Ejection Fraction	GEF	%	1	99	Calculated
	Cardiac Function Index	CFI	l/min	1.0	15	Calculated
	Index of Left Ventricular Contractility	dPmx	mmHg/s	200	5000	Calculated
• Afterload	Systemic Vascular Resistance	SVR	dyn•s•cm ⁻⁵	1	30000	Calculated
• Pulmonary Edema	Extravascular Lung Water	EVLW	ml	10	5000	Coefficient of variation n/a
	Pulmonary Vascular Permeability Index	PVPI	-	0.10	9.0	Calculated

* Coefficient of variation, measured using synthetic and/or database wave forms (laboratory testing)

Technical specifications are subject to change without further notice.

For further information please visit www.PULSION.com or contact us by e-mail or phone.