



Pulsiocare

Critical information – always in sight

From the OR to the ICU, Pulsiocare gives you the full picture of your patient's hemodynamic status to support immediate, data-driven decision making when you need it most.

Intuitive data visualization with Pulsiocare

In critical situations, access to information can save time.

Whether you are in the ICU or the OR, comprehensive hemodynamic data enables you to keep track of therapeutic decisions and make any adjustments in time.

When every second counts, it's not just a question of "what" information is provided, but more importantly "how" it's provided. The Pulsiocare monitor is designed to deliver meaningful data with a clear and customizable screen layout. The intuitive navigation ensures a patient-focused monitoring at all times.

The PiCCO and ProAQT technologies measure a variety of hemodynamic parameters and feeds the information to the Pulsiocare monitor, which displays the critical patient data in a way that supports fast action.



Next generation hemodynamic monitoring

Pulsiocare is Getinge's state-of-the-art monitor for advanced hemodynamic monitoring.

For greater ease of use, Pulsiocare features a sleek Scandinavian design and a wide, responsive touchscreen with built-in context-based guidance. Clear and comprehensive information supports decision-making and enables targeted patient care.

With our well-established technologies, PiCCO and ProAQT, integrated into the Pulsiocare monitor, you have easy access to your patient's complete hemodynamic status in critical situations, enabling better-informed treatment decisions.

The Pulsiocare monitor is also designed as a mobile device that can travel with the patient in the hospital environment – from the OR to the ICU or to the recovery room.



Human-centric design wins prestigious iF award

GUIDE, included in Pulsiocare, is our new system for making acute care devices with different interfaces look, feel and behave the same way. It received the prestigious iF Design Award for UI and panel design in 2022 and was chosen from among almost 11,000 entries from 57 countries.

Intuitive data visualization with Pulsiocare

Pulsiocare allows you to customize and easily move between different views to access the necessary information in the best way.

Overview of Pulsiocare

Technical specifications

Dimensions	
Height	253 mm
Width	350 mm
Depth	206 mm
Weight	4.7 kg

Screen specification	
Screen type	TFT-LCD Touchscreen
Screen size	13.3 inch Full HD
Resolution	1080 x 1920
Viewing area	294 x 165 mm

Electrical data	
Electric power consumption	Max. 140 W
Voltage	90 – 240 VAC
Frequency	50/60 Hz
IP code (IEC 60529)	IP32

Mounting options	
VESA interface	
Integrated mounting plate for universal, wall and bedrail mounting	

Miscellaneous information	
Operating system	Yocto Linux
Battery	Lithium-ion battery
Visual alarm	360° LED alarm light
External device interface	2 x USB-A, USB-C, Ethernet*, 2 x AUX, mini display port*
View options	Organ, Trend, Spider, Profile, Parameter overview

* Not functional in release 1.0

Overview of PulsioCare parameters

Technology	Parameter	Label	
PICCO	Blood Flow	Cardiac Index	CI
		Stroke Volume Index	SVI
	Chronotropy	Heart Rate /Pulse Rate	HR/PR
	Preload	Global Enddiastolic Volume Index	GEDI
		Intrathoracic Blood Volume Index	ITBI
	Volume responsiveness	Stroke Volume Variation	SVV
		Pulse Pressure Variation	PPV
		Dynamic Arterial Elastance	EAdyn
	Afterload	Systemic Vascular Resistance Index	SVRI
		Mean Arterial Pressure	MAP
	Contractility	Global Ejection Fraction	GEF
		Left Ventricular Contractility	dPmx
		Cardiac Function Index	CFI
		Cardiac Power Index	CPI
	Pulmonary edema	Extravascular Lung Water Index	ELWI
		Pulmonary Vascular Permeability Index	PVPI

Technology	Parameter	Label	
ProAQT	Blood Flow	Cardiac Index	CI
		Stroke Volume Index	SVI
	Preload/Volume responsiveness	Stroke Volume Variation	SVV
		Pulse Pressure Variation	PPV
		Dynamic Arterial Elastance	EAdyn
	Afterload	Systemic Vascular Resistance Index	SVRI
		Mean Arterial Pressure	MAP
	Contractility	Left Ventricular Contractility	dPmx
		Cardiac Power Index	CPI



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