

Specifications



The Deltex Medical **CardioQ-ODM™** is a continuously available, minimally invasive cardiac function and volume status monitor that allows early diagnosis of changes in patient cardiac condition and immediate feedback on the effects of therapeutic interventions. The CardioQ-ODM provides a real-time indication of cardiovascular status, displaying cardiac output and stroke volume, plus a visual and quantitative representation of aortic blood flow, preload, contractility and afterload.

The **CardioQ-ODM** is designed for use in Operating Theatres, Intensive Care Units and A&E Departments. The CardioQ-ODM provides information associated with cardiac function by means of a 4.0 MHz continuous wave directional Doppler signal. It displays blood flow velocities up to 2 m/s.

The CardioQ-ODM offers continuous and graphical trending and the capability to create a Starling curve for patient optimisation tracking.

Measured Values:

HR	Heart Rate
SD	Stroke Distance
MD	Minute Distance
FTc	Flow Time Corrected
PV	Peak Velocity
MA	Mean Acceleration

Derived Values:

*User inputs –
Patient Sex, Age, Height, Weight*

CO	Cardiac Output
CI	Cardiac Index
SV	Stroke Volume
SVI	Stroke Volume Index
BMI	Body Mass Index
BSA	Body Surface Area

*User inputs –
Mean Arterial Pressure (MAP) and
Central Venous Pressure (CVP)*

SVR	Systemic Vascular Resistance
SVRI	Systemic Vascular Resistance Index

*User inputs-
Oxygen saturation and Haemoglobin*

DO₂	Delivered Oxygen
DO₂I	Delivered Oxygen Index

Display: 10.4"LCD TFT
800 x 600 SVGA LCD

USB: 1 USB 2.0 port

Ethernet: 1 100/10BaseT port

Serial Port: 1 RS232 port

Operating Mode: 4.0 MHz CW Doppler

High Pass Filters: 300 Hz, 900 Hz

Physical Characteristics:

H / W / L 30 cm / 45cm / 22cm

Weight: 5.0 Kg

Patient Interface Connector (PIC): For use with Single Patient Use Deltex™ Medical Oesophageal Doppler Probes

Power Requirements: 100-240 V AC (~) 60-80 VA
50 / 60 Hz

Operating Temperature Range: 0-40° C

Humidity: 0-95%, non-condensing

Product Number: 9051-7056 CardioQ-ODM UK

Deltex Medical reserves the right to modify these specifications without notice.

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