

Cardiac Output Simulator

MicroSim- COS



The **MicroSim COS**, Cardiac Output Simulator is the only stand alone instrument designed to test the performance of thermal dilution cardiac output monitoring instruments. It simulates Baxter Edwards catheter systems and provides more testing capabilities than devices that require connection to another patient simulator.

Four blood flow rates, two blood temperatures and two injectate temperatures may be selected. A total of 32 normal curves and square waves are available to the user. Four tactile feel keys operate the instrument and LEDs indicate the test being performed. A power up self test indicates that the instrument is performing properly. It is powered by a 9 volt battery.

The simple to operate **MicroSim COS** is an accurate and powerful instrument in a small package.

Features:

Testing Features:

- Baxter, Edwards Compatible
- Four Blood Flow Rates
- Two Blood Temperatures
- Two Injectate Temperatures

Specifications:

Catheter Size: 7F

Injectate Volume: 10 cc

Computation Constant: 0.542

Blood Temperatures: 37° C and 38° C

Injectate temperatures: 5° C and 20° C

Accuracy: 2%

Power Requirements: 9V Alkaline Battery.

Blodd Flow Rates: 3, 5, 6 & 7 LPM. Simulates Curves and Square. Accuracy: 2% +/- 0.1LpM

Dimensions: Size: 4.75 x 2.75 x 1.25 inches (12 x 6.9 x 3.17 cm). Weight: 8 oz (0.225 kg)

Operating Features:

- Ideal for testing and calibrating Cardiac output Monitors
- Simulates true Cardiac output waves
- Easy to use, Menu driven
- Battery Operation

MicroSim-COS Shown with Baxter Edwards Compatible Interface



Ordering Information

Part Number	Description
1111	MicroSim COS - Cardiac Output Simulator
1101	Bxter Edwards Interface cable
1103	HP MerlyIn Interface Cable
1106	Marquette Interface Cable
301	Soft Carrying case.



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