



The **Datascope CS 100i** is an Intra-Aortic balloon Pump that features Intellasync software. The Datascope CS 100i is a newer model of IABP that was based on the Datascope 90 series. The CS100i system comes with updated hardware and software along with additional features. The Maquet Datascope CS100i comes with three different operating modes; Automatic, Semi-automatic, and Manual, making it easy to switch from one to the when needed. The Datascope Cs 100i and Datascope CS 100 are the same system the only difference between them is the upgraded software in the actual units. The Datascope IAPB can be used in an operating room, catheter lab, or critical care setting. The Datascope can be customized to fit each need.

Features

- Automatically evaluates and selects optimal trigger source and lead
- Sets inflation at the dicrotic notch and deflates IAB at the start of systole
- Responds to changes in signal quality by selecting new trigger source



Specifications

Dimensions

Height: 30 in (76.2 cm)
Width: 22.5 in (57.2 cm)
Depth: 13.2 in (33.5 cm)
On Cart
Height: 42.2 in (114.8 cm)
Width: 17.6 in (44.7 cm)
Depth: 23.4 in (59.4 cm)
Off Cart
Height: 28.2 in (71.6 cm)
Width: 11.3 in (28.7 cm)
Depth: 21.5 in (54.6 cm)
Monitor weight: 9.5 lbs (4.3 kg)
Console weight: 133.2 lbs (60.4 kg)

Color Display

Width:8.3 in (21cm)
Height: 6.2 in (15.8 cm)
viewing angle:
Up: 45°
Down 55°
Right 70°
Left 70°
Rotates 330°
Tilts180°
Detachable Laptop-like closure for storage and protection

Power

Mains Voltage: 100-120 VAC ± 10% or 220-240 VAC ± 10%
Mains Frequency: 50/60 Hz ± 3 Hz
Internal Battery: 24 VDC (nominal), 17.2 Amp-hour, 3 hrs.(approx. @ 90 bpm)
Battery Type: Maintenance free; Sealed lead-acid

Operating Conditions

Operating Temperature: 10°C - 40°C
Operating Humidity: 5 - 95% (R.H.) non-condensing
Operating Altitude: 0 - 12,000 feet (3,657 m); automatic altitude correction for IAB pressure

