



The **Datascope Passport 2** is a vital signs monitor that is intended for intra-hospital use. These Datascope patient monitors are 6 trace monitors that feature an incredibly intelligent display interface that allows the user to evaluate patient status at a glance. Data is presented, concisely, and logically. Waveforms are aligned to digital data for immediate interpretation. Graph and list displays are easily configured to personal preference. The 4 Auto-Set Alarms program on the Datascope Passport 2 is quickly configured and extremely easy to use. Best of all, personalized custom settings retained on the PCMCIA cards assure a super-fast setup. Passport 2 can monitor the following parameters: ECG, Masimo SET SpO2, Nellcor Axismart or OxiMax SpO2, Non-invasive Blood Pressure, Respiration Rate, and Temperature. Optional parameters are 3 lead or 12 lead ST analysis with adjustable ISO and J points, Arrhythmia analysis, Invasive Blood Pressure, Gases, Microstream CO2, and 12 lead ECG interpretation.

The Datascope Passport monitor can be mounted on a rolling stand, wall mount bracket, gas machine arm, bed-rail, or operated as a tabletop instrument. It can be mounted to a Gas Module.

Features

- 10.4" color TFT display
- 3 to 6 waveforms with automatic expansion
- Auto-adjustable large numerics
- 3 or 5 lead ECG with ESU noise rejection, lead-selectable respiration, NIBP, Masimo SET motion-tolerant SpO2, and temperature (400 or 700 series YSI probes)
- ECG and IBP analog output available for synchronization to balloon pump
- 6-minute OXY-CRG trend for neonatal and pediatric applications Built-in power supply for direct AC connection



Specifications

Dimensions

Height: 9.5 in (24.1 cm)
Width: 11.9 in 30.2 cm)
Depth: 7.4 in (18.8 cm)
Weight: 14.3 lbs. (6.5 kg) with batteries

Battery requirements

2 sealed lead acid batteries, 12 Vdc @ 2.3A load, 2.3 AH each battery.

Run Time

2 hours +/- 6 minutes from two fully charged batteries at 25°C with ECG SpO₂ and 1 NIBP every 15 minutes, no recording, no CO₂.
Recharge time: 16 hours maximum.

Power

AC voltage: 100-240 VAC +/-10% 50/60 Hz +/-3 Hz Single Phase.
Power consumption: 60-72 watts, 0.6-0.3 Amps.

Heart Rate Meter

Range: 30-300 bpm adult/ Pediatric, 30-350 bpm Neonate.
Accuracy: +/-3bpm or +/-3% at 30-250 bpm whichever is greater, +/-5% at 251-350 bpm.

IBP

Range: Sys/Dia/Mean: 30- +300 mmHg.
Accuracy: +/- 2 mmHg or 2% whichever is greater.
Scale: -10 to 10, 0-20, 0-40, 0-160, 0-225, 0-320, 60-140 mmHg.

NIBP

Technique: Oscillometric.
Connector type: Rectus.
Systolic range: adult: 55-235 mmHg, pediatric: 55-160 mmHg, neonate: 45-120 mmHg.
Diastolic range: adult: 30-220 mmHg, pediatric: 30-150 mmHg, neonate: 20-100 mmHg.
Systolic accuracy: mean error less than +/- 5 mmHg, standard deviation less than +/- 8 mmHg.
Diastolic accuracy: mean error less than +/- 5 mmHg, standard deviation less than +/- 8 mmHg.
Pulse rate range: adult/pediatric: 35 to 245 bpm, neonate: 70 to 245 bpm.
Pulse rate accuracy: +/-3 bpm or 3% whichever is greater.

Temperature

Scale: Selectable C° or F° Range: 15° to 45° C/ 59° to 113° F
Accuracy: +/- 0.1°C (15° C to 45° C); +/- 0.2° F (59° to 113° F) exclusive of probe errors.

Respiration

Range: 4 to 200 bpm.
Accuracy: +/-2% or 2 breaths per minute whichever is greater from 4 to 150 bpm, +/- 4% from 151 to 200 bpm.

CO₂ (Microsteam)

Range: 0-99 mmHg.
Accuracy: 0-38 mmHg +/-2 mmHg, 39-99 mmHg +/-5% +0.08% for every 1 mmHg above 40 mmHg.
Respiration rate: 0-150 bpm.
Respiration accuracy: +/- 1 breath per minute from 0-40 bpm, +/-2 bpm from 41-70 bpm, +/-3 bpm from 71-100 bpm, +/-5 bpm from 101-150 bpm.
ECG Leads: I, II, III, aVR, aVL, aVF, V.