

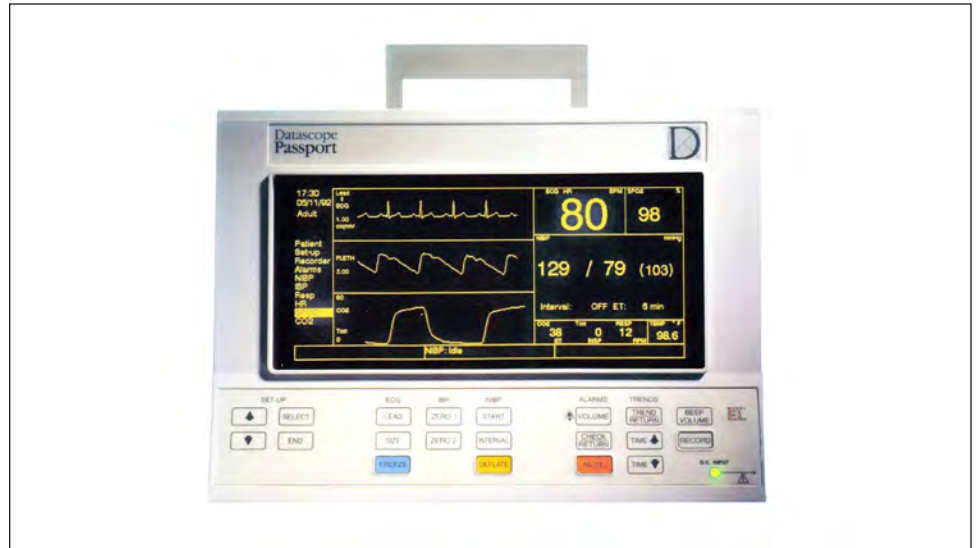


3915 152ND ST NE | MARYSVILLE, WA 98271 | 1.800.827.3747

Product Overview

Key Features of the Passport EL Monitor are:

- Compact bedside and transport use for maximum monitoring flexibility
- Adult to neonatal capability with respiration
- Fast response CO₂ sensor verifies intubation and allows clinical assessment of ventilation
- Single function keys for ease of use
- List trend of up to 120 measurements to aid recordkeeping and easy review of patient data
- Alarm status is instant and simple
- Unique Datasette replaceable cartridge makes software enhancements fast and easy



DATASCOPE PASSPORT EL PATIENT MONITOR

Specifications:

Dimensions:...9.5 inches H x 13 inches W x 8 inches L maximum

Weight:.....13 lbs Maximum without batteries

Power Requirements:

Power consumption:.....15 Watts typical

Voltage input:.....100, 120, 220, 240 VAC ±10%
Mains frequency 47 to 65 Hz

ECG:.....Leads: I, II, III

Display sensitivity: 0.25, 0.5, 1.0, 2.0, 3.0, 4.0 cm/mV ±10%.

Frequency response to screen:

ESU filter out: 0.5 to 40 Hz, -3 db max @ 1 mVpp input
ESU filter in:...0.5 to 20 Hz, -3 db max @ 1 mVpp input

Heart Rate Meter:

Range:...30-300 bpm adult/child. 30-350 bpm neonatal

Accuracy:.....30-250 bpm ±3 bpm or 3% whichever is greater

Pacer rejection:

rejects all pulses of amplitude ±2.0 mV to ±700 mV and duration 0.1 ms to 2 ms with no tail.

Rejects all pulses ±2.0 mV to ±700 mV and duration 0.1 ms to 2 ms with 100 ms T.C tail <0.8 mV or 25 ms T.C tail <0.4 mV.

Display update:.....2 seconds ±0.1 sec

NIBP:

Technique:.....oscillometric

Systolic range:.....adult/ped mode: 50-250 mmHg
neonate mode: 15-150 mmHg.

Diastolic range: adult/ped mode:.....30-200 mmHg

Systolic accuracy: mean error less than 7 mmHg, standard deviation less than 8 mmHg (adult/pediatric)

Mean error less than 3 mmHg, standard deviation less than 13 mmHg (neonatal).



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Specifications (continued):

Diastolic accuracy:.....mean error less than 7 mmHg, standard deviation less than 8 mmHg (adult/pediatric)

Mean error less than 4 mmHg, standard deviation less than 7 mmHg (neonatal)

Heart rate meter range:.....30-250 bpm

Heart rate meter accuracy:..... ± 3 bpm or $\pm 3\%$ whichever is greater

Pulse Oximetry:

Accuracy (1 standard deviation):...70-100%, $\pm 2\%$: 60-69%, $\pm 4\%$: 0-59%, unspecified

Response time: 13 seconds to 95% of final step change % SpO₂ value from 60-95% at 72 bpm

Recorder (optional):

Speed:.....50, 25, 12.5, 6.25, 3.125 mm/sec $\pm 5\%$

Note:.....6.25 and 3.125 are for respiration only. Chart size: 50 mm ± 2 mm

Battery Requirements:

2 sealed lead acid batteries

Voltage: 12 VDC. Capacity: 2.3 AH each

Run time: 2 hours fully charged battery

Recharge time: 16 hours maximum

Low battery warning: 11.6 $\pm 3.5\%$

Low battery cut off: 11.0 $\pm 2.8\%$