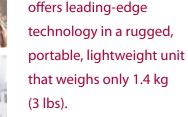
Patient Monitors

740 Vital Signs Monitor

Professionally refurbished models available from **CORE**







The CASMED® 740 monitor

Easy to use, reliable, accurate, with multi-parameter capabilities

- Fast, accurate blood pressure readings for neonates through adults ... reduces the problems of motion in blood pressure measurement
- · Monitor oximetry and temperature either continuously or in a "spot-check" mode
- · Ideal for medical/surgical patients on pain medications including PCA pumps, for hospital or office-based endoscopy procedures, and for the EMS market

Featured technologies

 CASMED's proprietary MAXNIBP[®] technology

Oximetry choices include:

- Masimo SET[®]
- Nellcor[®] OxiMax[®]
- Nonin[®]

Four models available:

CAS 740-1 MAXNIBP CAS 740-2 MAXNIBP and SpO₂ CAS 740-2T MAXNIBP and Temperature MAXNIBP, SpO, and CAS 740-3 Temperature



Patient Monitors 740 Vital Signs Monitor

- Created with emergency medical responders in mind
- Wireless (infrared) printer option
- User removable NiMH battery pack, internal power supply and DC power option
- Flexible mounting solutions include cart, IV pole, bedrail, or wall; it can be fixed to a swivel wall mount designed specifically for emergency vechicles or carried in a protective, durable case

NIBP

- Technique: Oscillometric (MAXNIBP® Technology) Patient Range: Adult - Neonate **Measurement Range** Systolic: 30-255 mmHg
- Diastolic: 15-220 mmHg MAP: 20-235 mmHg Pulse Rate Range: 30-240 BPM

Accuracy

Blood Pressure: ± 5 mmHg standard deviation no greater than 8 mmHg Pulse Rate: $\pm 2\%$ or ± 2 BPM, whichever is greater

Oximetry (Options)

Masimo SET[®] **SpO**, **Range:** 0-100% SpO, Accuracy: 70-100%, ± 2 digits (1 S.D.) Adult 70-100%, ± 3 digits (1 S.D.) Neonate Pulse Rate Range: 25-240 BPM Pulse Rate Accuracy: ± 3 BPM Nonin[®] **SpO**, **Range:** 0-100% SpO, Accuracy: 70-100%, ± 2 digits (1 S.D.) Adult 70-100%, ± 3 digits (1 S.D.) Neonate Pulse Rate Range: 18-240 BPM Pulse Rate Accuracy: ± 3% or ±1 digit, whichever is greater Nellcor[®] OxiMax[®] SpO. Range: 1-100% SpO_Accuracy: 70-100%, ± 2 digits (1 S.D.) Adult 70-100%, ± 3 digits (1 S.D.) Neonate Pulse Rate Range: 20-240 BPM Pulse Rate Accuracy: ± 3 digits

Temperature (Optional)

Welch Allyn SureTemp[®] Plus Temperature Range: 29 °C to 42 °C (84.2 °F to 107.6 °F) **Accuracy:** ± 0.1 °C (± 0.2 °F) Meets or exceeds ASTM Standards

Control Panel

Display: LED display of measurement results, instructions, troubleshooting messages, and signal strength bar Parameters Displayed: Systolic Pressure, Diastolic Pressure, Mean Arterial Pressure (MAP), Pulse Rate, %SpO₂, Temperature (°C or °F)

Patient Alarms

Adjustable high and low alarms for Pulse Rate, SpO₂, Systolic Pressure, Diastolic Pressure and Mean Arterial Pressure

Operating Modes

History: Review of previous measurements NIBP: Manual, STAT or Automatic (at preset intervals) %SpO₂: Continuous Monitoring Temperature: Predictive or Continuous

Power

Source: External line or internal battery AC Power: 100-240 VAC, 50-60 Hz, 0.5A; T1.25A L250V fuse rating DC Power (EMS Option): 12-30 VDC Battery: NiMH battery pack (removable) Charge Time: 4 hours **Operating Time:** Minimum 4 hours of continuous operation Leakage Current: 100 µA (maximum)

Safety Limits

Automatic Cuff Deflation If cuff pressure exceeds 290 mmHg (Adults), 145 mmHg (Neonate) If measurement time exceeds 120 seconds (Adults), 90 seconds (Neonate) If safety timer detects microprocessor failure

Operating Environment

Operating Temperature: 0° C to 50° C (32° F to 122° F) Storage Temperature: -20° C to 65° C (-4° F to 149° F) Humidity: 15 - 95%, non-condensing Altitude: Up to 3048 meters (10,000 feet) Monitors may not meet performance specifications if stored or used outside temperature and humidity ranges.

Physical Dimensions & Weight (Base Unit)

H x W x D: 17.0 cm x 21.5 cm x 7.5 cm (6.75 in x 8.5 in x 3.0 in) Weight: 1.4 kgs (3 lbs)

Standards

ANSI/AAMI SP-10 EN 60601-1, EN 60601-1-2, EN 865, EN 60601-2-30, EN 60601-2-49 ETL Listed - UL 60601, CAN/CSA C22.2 No. 601.1 CE Marking according to Directive 93/42/EEC

Optional Accessories

Infrared printer RS-232 interface Swiveled hard mount (for ambulance applications) Roll stand and basket Protective carrying case

Professionally refurbished models available from



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Local 502-244-4444

Online www.dremed.com