



DRE Insight 4a

Multi-Parameter Vital Signs Monitor

“...provides a high level of sophistication to meet your specific needs.”

PRODUCT FEATURES

- Basic parameters include 3-lead ECG, respiration, NIBP, and SpO2
- Options include 5-lead ECG, 2-channel IP, 2-channel temperature capnography, a printer and rechargeable battery
- 4-trace, 10.4-inch high-resolution active matrix display
- On-screen trending of all monitored parameters
- Adjustable alarm limits as well as visible and audible alarms
- Capnography available with Standard Pneumatics, or Advanced Pneumatics for long-term use
- Integral handle enhances movability
- Intuitive point-and-click user interface

The **DRE Insight 4a Multi-Parameter Vital Signs Monitor** offers the latest in flexibility. Core parameters (3-lead ECG, respiration, non-invasive blood pressure NIBP, and pulse oximetry SpO2) and a host of options (5-lead ECG, 2-channel IP, 2-channel temperature, capnography, printer and rechargeable battery) allow the monitor to be tailored to patients' needs, neonate to adult. Combine the intuitive interface, integrated carrying handle and high-resolution display with the optional rechargeable battery and dual trace printer to create a highly versatile monitoring solution.



Displays & Controls

Main Display	10.4" high-resolution active matrix color LCD Resolution - 640 x 480 pixels
Function Keys	ON/OFF, BP Zero All, NIBP start/stop, PRINT start/stop, Alarm Silence, rotary encoded push-button control knob

Indicators

AC Power	Green LED w/power plug icon
Battery Power	Green LED w/battery icon

SpO2

Range	0-100% (functional saturation)
Accuracy	(+2%) @ 70-100% (+3%) @ 50-69%
Alarm Range	50-100% and OFF
Averaging	4, 8, 16 pulse beat average

Pulse Rate (SpO2) or Heart Rate (ECG)

Range	30-250 bpm (SpO2) 30-180 bpm (NIBP) 30-300 bpm (ECG)
Accuracy	(+2%) bpm or (+2%) which ever greater
Alarm Range	50-100% and OFF
Averaging	Fixed at 8 seconds

ECG

Configuration	3-lead (standard) or 5 lead (optional)
Lead Selection	I, II, III, aVL, aVR, aVF and V
Display Gain	X1/2, X1, X2, X4
Defibrillator Protection	Yes
Pace Detect / Reject	Yes
Sweep Speed	25 mm/sec

Impedance Respiration (not available in neonate model)

Measuring Method	Impedance Pneumography
Rate	3-150 breaths / min
Accuracy	(+1) breath / min or (+5%) whichever greater
Alarm Range	5-150 bpm & OFF (1 bpm steps)

Non - Invasive Blood Pressure

Range	20-250 mmHg (adult/ped) 10-135 mmHg (neonate)
Accuracy	Meets or exceeds SP10-1992 Standard for NIBP accuracy
Cuff Pressure Accuracy	(+3) mmHg or (+2%) whichever is greater
Inflation Pressure Adjustment Range	50-300 mmHg (adult/ped) 50-150 mmHg (neonate)
Default Inflation Pressure	175 mmHg (adult) 100 mmHg (neonate)
Alarm Range	20-300 mmHg and OFF (1mmHg steps) adult/ped 20-135 mmHg and OFF (1mmHg steps) neonate

Dimensions

12" H x 13-1/4" W x 7" D (30.5cm H x 34.0cm W x 18.0 cm D)

Weight

Without battery or capnograph	12 pounds (5.4kg)
With battery & capnograph	15 pounds (6.8kg)

Power Requirements

AC Input	90-120 VAC, 230-240 VAC, 50/60 Hz, 0.6 A
Battery (optional)	1 hour operation , 4 hour recharge



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