



3 Channels Electrocardiograph

Model : C80



- Simultaneous Acquisition of 12 leads ECG
- 7inch color display, 800×480 pixels
- 80mm paper width up to four channels recording simultaneously
- Export data formats: PDF, HL7, SCP, SCV, DICOM
- Auto and manual modes up to one rhythm leads
- Digital filters and anti-drift filter for baseline correction
- Internal storage capacity for 400 patients, each patient up to 10 records
- Multi-language support
- Lead-off indicator with alarm
- AC and battery operation

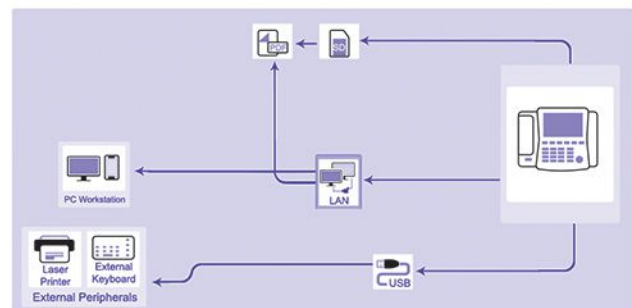


Electrocardiograph

3 Channels ➤ Model: Negar C80

Specifications	
Computerized Measurements:	12-lead analysis
Digital sampling rate	500 samples/second
Acquisition mode	Pre-acquisition or post-acquisition provide 10 seconds of instantaneous ECG acquisition
Dynamic range	AC differential $\pm 10\text{mV}$, DC offset $\pm 300\text{ mV}$
Resolution	10 $\mu\text{V/LSB}$
Frequency response	0.05 to 150 Hz
Human filter	50Hz, 60Hz
EMG filter	20Hz, 30Hz
Drift filter	0.2Hz , automatic(ADF)
Common mode rejection	>90 dB
Pace detection	Pulsed with amplitude between $\pm 2\text{mV}$ and $\pm 700\text{mV}$ and duration between 0.2ms and 2 ms duration shall be detected
Heart rate meter	30 to 300 BPM max error: 5 BPM
Operating system	linux
Display:	
Display type	7" color TFT
Display resolution	800 x 480 pixels
Display data	Heart rate, patient ID, clock, battery power indicator, waveforms, lead labels, speed, gain and filter settings, and warning messages
Traces	3-Lead and 12-Lead display
Physical specifications:	
Dimensions:	Physical specifications: 120 x 330 x 280 mm (H x W x D)
Weight:	3.0 kg including battery

Recorder:	
Writer technology	Thermal dot array
Writer speed	12.5 , 25 , 50mm/sec
Number of traces	1,3,4 ECG traces
Paper type	Thermal. Z-fold (70mmx80mm) Roll paper 80mmx25m
Software options:	
Resting ECG Mode	Records and prints 12-lead resting ECGs with 10 seconds duration as a standard feature
Export Format	PDF, CSV, DICOM, HL7, SCP
Communication	
USB port	
External peripherals USB	
Keyboard	Standard USB English keyboard
Standards:	
IEC 60601-1-1	Medical Electrical Equipment: General Requirements for Safety
ANSI/AAMI EC11	Diagnostic Electrocardiographic Devices
Electrical:	
AC Power supply:	180~230 VAC
Battery type:	rechargeable: 11.1V@ 4.4 AH Lithium-Ion



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