Mediscan

1200HR High Resolution ECG

- Ideal for Heart Rate Variability, Signal Averaged ECG and Exercise applications
- Very High resolution ECG processing
- Easy interface to EMR (Electronic Medical Records) and HIS (Hospital Information Systems)
- Right side and Posterior chest leads
- On-line filtering and automatic Base line correction.
- Free Software updates for the life of system.
- Export test results into formats: JPEG, XML, Plain text, GDT, native RAW data.
- Network Storage enabled.
- A4 format plain paper printing during the test (thermal printer is optional)
- "Scroll Back" during stress test to see episodes that might have been overseen. (S2)
- Controls many models of treadmills and ergometers (including GE, Schiller, Quinton)
- Full disclosure of entire stress study.(S1,S2)
- Remote View via Network (S2)
- Enables post processing of saved data (S2)
- ST measurements
- Arrhythmia detection, print and capture VPB and SVPB (S2)
- Blood pressure equipment interface
- Standard as well as unlimited user programmed Stress test protocols(S1,S2)

Optional Software: Stress**,** Heart Rate Variability, QT Variability, Late Potentials, ECG Measurement, Interpretation, NEMS(Norav ECG Management System)

Technical Specifications

Lead	Standard 12 leads
Defibrillation protection	Protected against 360 J discharge
Lead OFF detection	Detached Lead or Offset >0.5 V
Pacemaker Pulse detection	From 0.1 to 2ms at 2 to 700mv
Sensitivity	5, 10, 20, 40 mm/mV
Horizontal scale	12.5, 25, 50, 100 mm/sec
Signal dynamic range	20mV
DC max. input	± 330mV
Resolution	**16 bits** (0.3 μV/LSB)
ECG maximum sampling rate	16,000 samples per second
Input impedance	> 100Mohm
CMMR	> 100 dB
Frequency range (-3db)	0.05 – 300 Hz
Low pass filter	20, 35, 40 Hz
Base line filter	Yes
Line noise filter	50/60Hz
Communication interface	USB
Power supply	5V± 5%
Current consumption	<200mA± 10%
Size	17 x 9 x 3 cm
Weight	300 gram
Safety standard	IEC 60601-1, EN 60601-1-2 IEC 60601-2-25, IEC 60601-2-27, EC11
Operating temperature	0°C to +50°C
Storing temperature	-40°C to +70°C
Humidity	0–85%
Certification	CE, FDA approved

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*Specifications are subject to changes without notice.

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