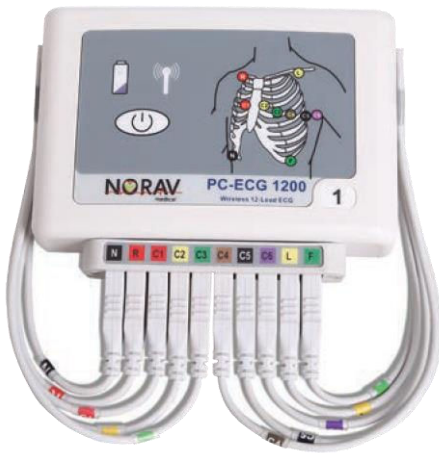


# Ultimate Wireless Stress Acquisition

1200W – Radio Frequency Wireless System



The 1200W is an echo-ready, wireless Radio Frequency (RF) system explicitly designed for Stress ECG screening. The proprietary wireless data acquisition linking patient and workstation, allows maximum mobility and comfort with better safety and no signal degradation. Based on Norav Medical's market-leading ECG processing, the 1200W delivers true 12 lead ECG solutions in standard and custom-made protocols.

## 1200W DIGITAL WIRELESS RADIO FREQUENCY SYSTEM

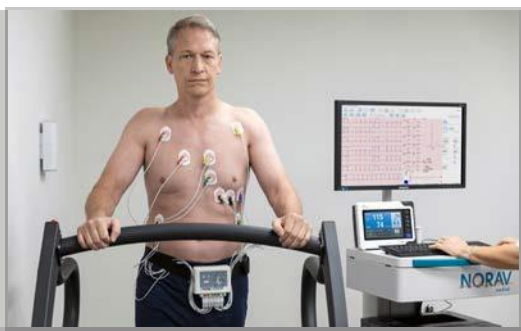
- 16 Bit Resolution and High Sampling Rate
- Selectable Sync Lead
- Ideal for Stress Echo or Stress Test Imaging
- Echo Ready - Trigger Out
- Blood Pressure Equipment Interface
- Automatic Arrhythmia Detection

The 1200W RF Wireless System functions independently as a standalone application or can be linked to the Norav Medical ECG Management System (NEMS).

## FEATURES

- High Resolution ECG Processing
- Clean & Stable ECG Traces
- Playback of Episodes
- Echo Ready Wireless Acquisition
- Standard / unlimited custom-made, as well as Treadmill Test (TMT) Stress Test protocols
- Seamless Integration with HIS / EHR
- Straightforward Installation and User Friendly

Norav Medical's 1200W RF Wireless System offers precise ECGs without restrictions on movement. The proprietary wireless acquisition allows the patient to walk around with ease, while the signal remains strong and clear. Ideal for Stress echo or stress imaging.



Feature		1200W
Programs		Resting, Stress
Lead System		Standard 12 leads
Patient Leads		Detachable 10 wires, AAMI compliant
Defibrillation Protection		Protected against 360 J discharge
Patient Leakage Current		< 10 $\mu$ A
Lead OFF Detection		Yes
Pacemaker Pulse Detection		Yes
Sensitivity		5, 10, 20, 40 mm / mV
Horizontal Scale		5, 12.5, 25, 50, 100 mm / sec
Signal Dynamic Range		$\pm$ 2.4 V
DC Max. Input		$\pm$ 2.4 V
Resolution		24 bits (0.286 $\mu$ V / LSB)
ECG Sampling Rate (Samples /Second per channel)	Internal	8000 for ECG acquisition and pacemaker detection
	Output ECG Data	1000 in 12 lead ECG mode 4000 in single channel ECG mode
Input Impedance		> 10 Mohm
CMMR		> 90 dB
Frequency Range (-3db)		0.05 – 150 Hz
Low Pass Filter		20, 35, 40 Hz
Base Line Filter		Yes
Line Noise Filter		50 / 60 Hz
Communication Protocols		Digital RF
Radio Frequency Range		2400 – 2483.5 MHz
RF Power Output		0.4 mW, FCC compliant
Output for Echo, CPET/CPX and BP sync		1 x TTL and 2x analog outputs
Battery		2 x AA size Alkaline or rechargeable NIMH
Operating Time		Up to 40 hours with alkaline batteries
Size		140 x 95 x 50 mm (5.51" x 3.74" x 1.96")
Weight		350 gr (12.34 oz) without the battery
Safety Standards		IEC 60601-1; IEC 60601-2-25
Operating Temperature		0°C to 45°C (32°F to 104°F)
Storing Temperature		-20°C to 60°C (-4°F to 140°F)
Working Atmospheric Pressure		860 hPa ~ 1060 hPa
Storing Atmospheric Pressure		700 hPa ~ 1060 hPa
Humidity		5 – 95%

All Norav Medical products are ISO 13485, CE, 510(k) and Health Canada certified.

