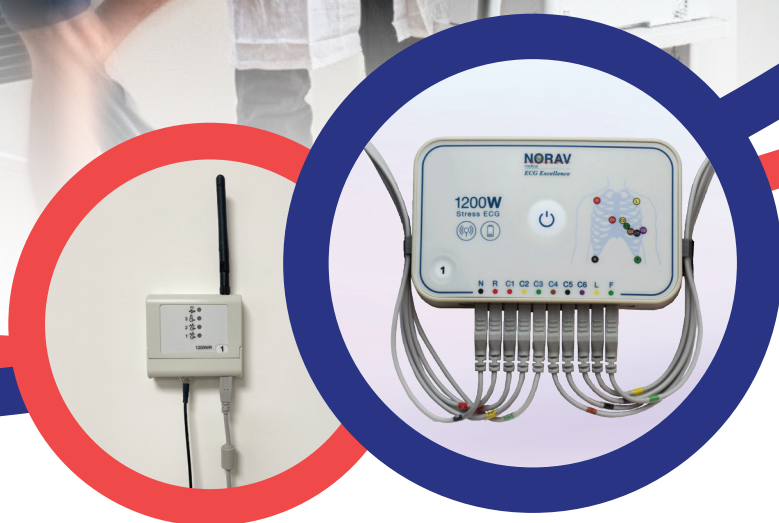


The Enhanced 1200W



Ultimate Wireless Stress ECG

Setting the Standard in Wireless Stress ECG Performance



Lightweight

252 g Housing



**Extended
Range**

RF Engine (+8 dB)



**Pacemaker
Detection**

(128 ksps)



Efficient Power

1X AA Battery



**Seamless
Integration**

NEMS / HIS / EHR
/ DICOM

Step into a new era of cardiac diagnostics with the **Enhanced 1200W** – Norav's flagship wireless Stress ECG system, engineered to deliver uncompromising precision, seamless connectivity, and unmatched ease of use.

Designed for high-performance clinical environments, it combines superior signal acquisition, advanced noise filtration, and robust wireless stability to ensure reliable ECG results under the most demanding conditions.

Visit Us



noravmedical.com

Where Precision Meets Performance

Performance That Moves With You

The Enhanced 1200W delivers complete freedom of movement during treadmill, stress echo, and CPET protocols. Its 252 g lightweight housing and 40 mm slim profile improve patient comfort, while the upgraded +8 dB RF transmission ensures stable, long-range wireless performance.

- ✓ True wireless operation – stable 2.4 GHz RF communication
- ✓ No signal loss, even in high-motion testing
- ✓ High-resolution ECG with refined signal fidelity
- ✓ Compact, ergonomic design for everyday clinical use

Precision Where It Matters

The Enhanced 1200W's advanced signal-processing engine provides clean, diagnostic-grade ECGs with superior noise control. Enhanced pacemaker detection at **128 ksps** enables faster, more precise pulse recognition — ensuring clinicians never miss a beat.

- ✓ Enhanced pacemaker detection (128 ksps)
- ✓ Adaptive motion artifact filtering
- ✓ Real-time monitoring and playback
- ✓ Standard and custom TMT protocols

Efficiency In Every Detail

Powered by a single AA battery, the Enhanced 1200W minimizes weight and simplifies daily operation. Plug-and-play setup ensures instant readiness — no proprietary console required.

- ✓ Lightweight power solution – single AA battery
- ✓ Simplified setup and operation



Seamless Connectivity

The Enhanced 1200W integrates effortlessly with **Norav's ECG Management System (NEMS)** and hospital information systems via **HL7, DICOM, and GDT**. Its intuitive PC-based interface enables automated device control, full-disclosure review, and smooth

- ✓ Works standalone or within NEMS
- ✓ Interoperable with HIS/EHR & PACS
- ✓ Supports multiple treadmills, ergometers & CPET systems
- ✓ Automatic arrhythmia detection and printout

Built For The Future Of Cardiac Testing

Engineered to meet the growing demands of modern stress labs, hospitals, and sports cardiology centers, the Enhanced 1200W delivers reliability, precision, and performance trusted by clinicians worldwide.

- ✓ Certified for international use (**CE, FDA, ISO 13485**)
- ✓ Proven in clinical and athletic performance environments

1200W Key features



High-Resolution ECG

- Accurate ST measurements and automatic arrhythmia detection with clean traces
- Enhanced pacemaker detection at **128 ksps**



Advanced ECG Tracing

- Smarter signal path for clearer traces during exercise
- Online filtering and automated baseline correction for stable measurements under motion



Lightweight & Compact

- 252 g housing (20% lighter) for improved patient comfort and operator handling
- Ergonomic design optimized for daily clinical workflow



Echo Testing

- Real-time stress echo synchronization
- TTL and analog trigger options for imaging workflows



Efficient Power & Usability

- Single AA battery for simple, low-maintenance operation
- Easy installation and user-friendly interface



Nuclear Testing Ready

- Supports nuclear stress imaging protocols
- Assesses myocardial perfusion under stress



Seamless Integration

- Compatible with Norav NEMS and HIS/EHR systems
- Interoperable with PACS/DICOM and standard export



Extended Range

- Upgraded RF output (+8 dB) for stronger wireless stability and coverage
- Reliable data transmission even in challenging clinical environments

Trusted Worldwide. Proven Everywhere.

For over three decades, Norav's wireless ECG technology has been trusted by leading institutions worldwide – from advanced cardiology laboratories and hospitals to elite sports medicine and research centers.

NEMS-WEB ECG Management System

Web-based Interface, Multi Sites & Users

Enhanced Security & Data Protection

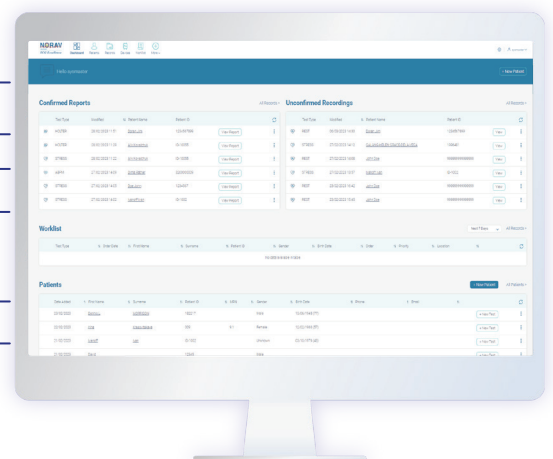
Unlimited Archive

ECG Acquisition and Reporting

Seamless Integration with HIS/EHR via HL7 & DICOM

Patient History and Worklist

NEMS-Web seamlessly integrates with Stress ECG systems, providing real-time data access and advanced analysis for precise formats (XML & HL7)



1200W Datasheet

Size [mm]	156x82x40
Weight [g] (with battery)	252
Lead System	Standard 12-leads
Patient Leads	Detachable 10 lead wires conform to AAMI
Lead OFF detection	Yes
Lead Impedance check	Yes
PaceMaker Detection	Yes
PaceMaker Sampling frequency	128000 [sps], 8000 [sps]
ECG acquisition internal sampling rate	8000 [sps]
ECG recording sampling rate in 12-lead mode	1000 [sps] 12bit 500 [sps] 24bit
ECG recording sampling rate in single-channel mode	4000 [sps]
Resolution of A2D, 1LSB (A2D = analog-to-digital-convertor)	24bit,500sr mode, 0.286 μ V 12bit,1000sr mode, 2.44 or 4.88 μ V
Input dynamic range	+/- 2.4V, in 500sps mode +/- 10 mV, in 1000sps mode
ECG Frequency Respponse	0.05 - 220 Hz, in 500sps mode 0.05 - 436 Hz, in 1000sps mode
Input Impedance	> 10 MOhm
Input DC offset (max)	+/- 1.3V
Common-mode rejection ratio (CMRR)	> 90 dB
Defibrillation protection	Yes, protected against 360J discharge
Patient leakage current	< 10 μ A
Radio frequency range	2402 – 2477 MHz
RF output power	8 dB
Battery	1 x AA size
Operation time (max) with Alkaline Battery	34 Hours
Transport and Storage temperature	-20C to +60C
Operating temperature	+10C to +45C
Relative Humidity	10% to 95%
Safety standards	IEC 60601-1 IEC 60601-1-2 IEC 60601-2-25
Classification	Type CF with defibrillation proof. Internally powered