The 2100iQ Electrocardiograph

A scalable 12-lead ECG solution that is intuitive enough for home and advanced enough for the hospital.
Solution:

- The Spaulding Electrocardiograph 2100iQ is an easy-to-use, digital, 12-lead ECG solution allowing for real-time wireless access to waveform data using your smartphone, tablet or desktop.

- The webECG, cloud-based management solution provides access to patient’s ECGs and manages physician over-reads.

- Innovative design harnesses the power of diagnostic 12-lead ECG data and combines it with the mobility of a hand-held device.

The 2100iQ Electrocardiograph seamlessly integrates into any ECG acquisition workflow and is purposefully designed to be utilized in any healthcare environment.
The 2100iQ Electrocardiograph makes it easy to capture, share and manage patients’ cardiac data.

› **Intuitive** - Features a one-button operation. Designed for ease-of-use

› **Portable** - Lightweight, 3.5 oz. Advanced Lithium-Ion battery ensures mobility

› **Efficient** - Cloud connectivity and EMR integration allows for paperless ECG acquisition

› **Quality** - High fidelity, 12-lead diagnostic ECG data

› **Affordable** - No onboarding fees or hidden capital expenses

› **Secure** - Hospital-grade encryption and secure file transfer protocols
Harnesses the quality of diagnostic 12-lead ECG data anywhere your physicians need it, at a fraction of the cost of a traditional ECG machine. Single-button operation reduces training and increases productivity.

Distinguish your service by reducing the number of re-hospitalizations. Take local ECGs and collaborate seamlessly with other providers anywhere in the world.

Small, lightweight design coupled with single-button operation increases ease-of-use. Ability to use at home shortens timeline between diagnosis and treatment.
The 2100iQ Electrocardiograph

Device Specifications

- **Classification**: Class II, type CF defibrillation-proof applied parts
- **Specification**: IP22 transit operable; portable
- **Instrument Type**: 12-lead electrocardiograph
- **Leads Acquired**: I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6
- **Operator Message Window**: LED status window
- **Operator Interface Controls**: Front panel main function button
- **A/D Conversion**: 12 bits (2.664 microvolt LSB)
- **Digital Sampling Rate**: 500 s/sec/channel
- **Frequency Response**: 0.05 to 250 Hz
- **Special Functions**: Performance baseline recovery
- **Connectivity**: Apple iOS® 7+ and Windows 7+ devices via Bluetooth®

Power

- **Battery Type**: Internal rechargeable lithium polymer battery

Physical

- **Dimensions**: 3.5 in. diameter x 1 in. (9cm x 3 cm)
- **Unit Weight**: 3.5 oz. (100 g)

Environmental

- **Operating Temp.**: +5 to +45°C
- **Storage/Transport Temp.**: -25 to 70 °C
- **Relative Humidity**: 15% to 95%, non-condensing
- **Ambient Air Pressure**: 700 to 1060 hectopascals
About Spaulding Medical

Spaulding Medical is where innovative engineering meets purposeful design, ushering in a new paradigm in cardiac safety. The Mission: to make hospital quality cardiac care affordable and accessible by leveraging 150 collective years of cardiac safety expertise into viable health solutions.

Contact your Spaulding Medical representative to schedule a demonstration.