



SPACELABS
HEALTHCARE

RESTING ECG
CardioExpress 4012 and 5012

Simplifying Cardiac Care



Streamline patient care

Meeting the demands of cardiac care on busy wards can be a challenge. That's why we designed the CardioExpress 4012 and 5012 to simplify your workflow and minimize steps, allowing you to acquire high-quality ECG waveforms easily while fitting with your existing workflows.

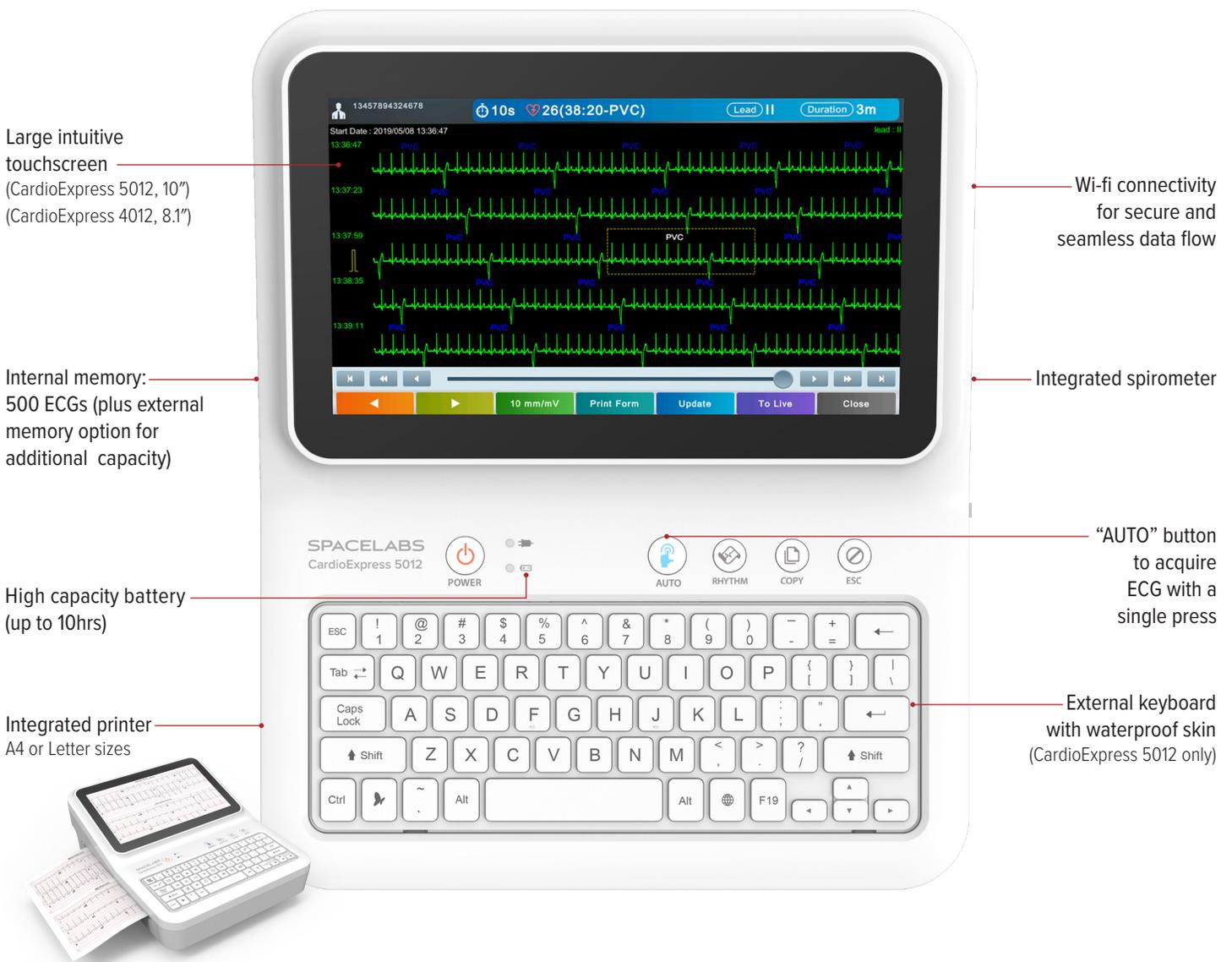
Designed with your busy workday in mind, these devices enhance efficiency, precision, and collaboration, empowering you to save time and improve patient outcomes.

| CardioExpress 4012



| CardioExpress 5012





Large intuitive touchscreen
(CardioExpress 5012, 10")
(CardioExpress 4012, 8.1")

Internal memory:
500 ECGs (plus external
memory option for
additional capacity)

High capacity battery
(up to 10hrs)

Integrated printer
A4 or Letter sizes

Wi-fi connectivity
for secure and
seamless data flow

Integrated spirometer

"AUTO" button
to acquire
ECG with a
single press

External keyboard
with waterproof skin
(CardioExpress 5012 only)

User-friendly design

One touch functionality.

Spacelabs CardioExpress machines are designed to make ECG acquisition intuitive and effortless. With one-touch functionality, you can seamlessly acquire, analyze, print, and store patient data at the press of a single button.

Auto Button:

Acquisition → Analysis → Documentation

- ✓ Store
- ✓ Printout
- ✓ Export (server or USB)

Support improved diagnostics.

To accelerate patient care the CardioExpress machines:

- Automatically display a preview screen
- Provide up to 30 minutes of full ECG disclosure enabling retrospective arrhythmia detection
- Are portable and lightweight with a 10-hour battery life

- Allow optional barcode scanning to streamline patient data entry
- Seamlessly integrate with IT systems and generate tailored patient worklists
- Support either A4 or Letter Z-fold reports or a paperless approach
- Allow customizable reports
- Support in-house training via a user-friendly interface, and a connection for external screen support

Seamless Connectivity



Optimize your workflow

Improve productivity, optimize workflows, and accelerate patient diagnosis by ensuring data is accessible to the care team wherever it's needed.

Spacelabs CardioExpress devices offer a range of secure and encrypted Wi-Fi connectivity options and support multiple data formats, seamlessly integrating with your existing IT infrastructure and systems.

- Efficiently schedule and perform ECG tests across your facility with DICOM worklists.
- Securely share ECG data among the care team using multiple data formats.
- Compatible with Spacelabs' Sentinel platform to accelerate diagnosis, optimize workflows and centralize cardiology data in one location with a single login.
- Once reviewed in Sentinel, securely transfer reports via HL7 to your EPR.



Uninterrupted care

The CardioExpress machines are built to meet the demands of modern healthcare institutions, ensuring seamless use across multiple settings, and enabling uninterrupted operation across your facility.

Their durable construction can withstand frequent movement, while a custom-built trolley offers effortless transportation and convenient storage for accessories and cables.



Intelligent tools for optimal care

The CardioExpress machines are packed with a range of intelligent tools to support you in your diagnosis.

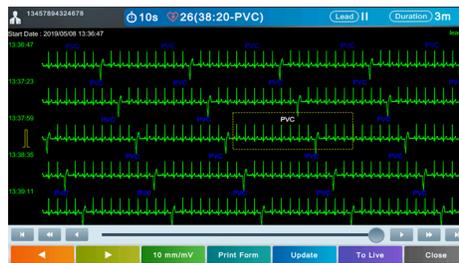
Glasgow Algorithm

This includes the Glasgow Interpretation algorithm for accurate interpretation to support cardiac diagnosis. The devices are also equipped with 13 types of real-time arrhythmia detection, Heart Rate Variability (HRV) analysis, and a unique ST Map tool, to ensure accurate and detailed cardiac assessments whatever your patient's condition.

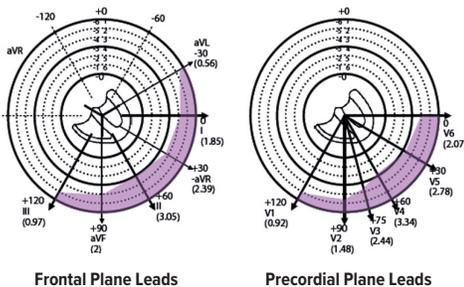
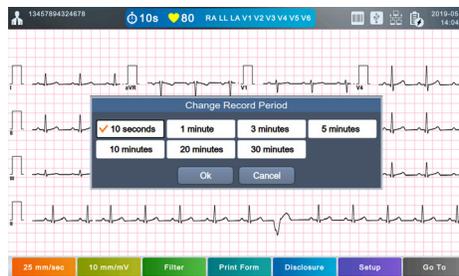
30 min full disclosure
with live data comparison
mode on a single screen



Real-time ECG data capture
and interpretation for faster, smarter
diagnoses of 120 arrhythmias.



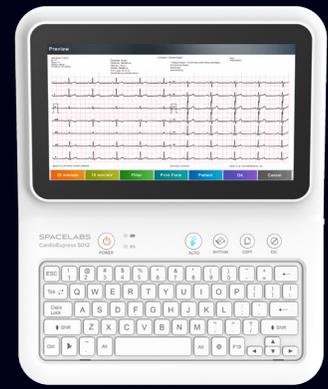
**Initiate up to 30 minutes
of ECG recording** at the
touch of a button, to visualize
Heart Rate Variability (HRV) trends



ST Map

Visual information of ST segment deviation and spatial orientation.

Intuitive and easy understanding of each clinical location of subendocardial ischemia and transmural injury. More frequent, quick, and accurate monitoring to enhance medical treatment for cases of myocardial ischemia.



A quick look at CardioExpress

Features

- Large high-resolution color touchscreen brings clarity and confidence to your work, bringing faster diagnosis and enhancing patient care.
- Packed with intelligent tools like color-coded arrhythmia detection, Glasgow Interpretation and spirometry.
- Lightweight and portable for seamless use across multiple settings.
- Impressive 10-hour battery life, ensuring uninterrupted patient care.
- Designed for easy cleaning - to meet infection control standards.



At Spacelabs, everything starts with a mission.

The greatest advances in healthcare have taken place because somebody, somewhere was on a mission. Ours began decades ago in the early days of the space program when our founders joined with high-performing teams of NASA scientists and engineers to develop the first cardiac monitoring systems for astronauts. Then as now, there are no limits to what people can achieve when working together.

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