

Quark T12x Quark C12x Stress Testing ECG



Diagnostic Quality 12-lead Stress Testing ECG available in telemetry or cable configuration

- Resting and Exercise ECG interpretation
- ► Full Disclosure ECG analysis
- ST segment, ST slopes, Trends
- Arrhythmia Analysis
- Standard and User defined Exercise Protocols
- Integration with COSMED Gas exchange equipment
- Patient Database & Network Compatibility





COSMED Quark C12x and T12x are the ideal diagnostic quality PC-based ECGs for patient care from prevention to rehabilitation. Ultimate quality ECG signal allows an efficient diagnosis of coronary artery disease, the evaluation of patients after artery bypass surgery or angioplasty, and allows to document response to therapies and prevent from myocardial infarction.

Combined with any COSMED gas exchange analysis equipment, Quark C12x or Quark T12x become the complementary tools that help clinician to quantify patient's functional capacity and evaluate cardiac response in athletes.

Applications

Quark T12x and C12x are used in:

- Cardiology
- Pneumology
- Cardiac Rehabilitation
- Sport Medicine
- Primary care

Stress Test ECG

COSMED PC-based stress testing systems offer the ultimate in stress testing flexibility. The **Quark T12x** (with wireless technology) or the **Quark C12x** (with a traditional ECG patient cable) meet the most advanced requirements for clinical exercise testing.

Powerful software allows full control over ECG acquisition, real time display, report configuration and printing. High resolution ECG processing produces an exceptionally clear on-screen display and allows detailed, reliable analysis of ST segments and subtle arrhythmia changes.

Main features are:

- Retrospective ECG and arrhythmia analysis even during test
- Full disclosure
- Scroll back during the test
- High resolution (up to 16,000 samples/sec) ECG processing
- State of the art Digital RF Wireless technology

- On-line filtering and automated baseline correction
- Exceptional clarity of on-screen ECG
- User defined, automatic print during test

Available versions

Quark T12x - 12-lead Wireless Stress Test ECG (Telemetry)

Quark C12x - 12-lead Patient Cable Stress Test ECG, with USB communication interface



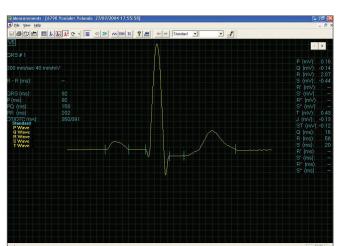
Quark T12x (Wireless)

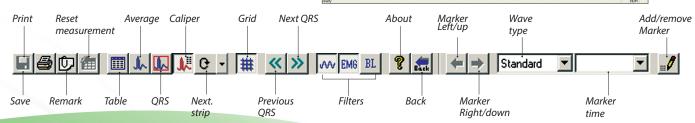


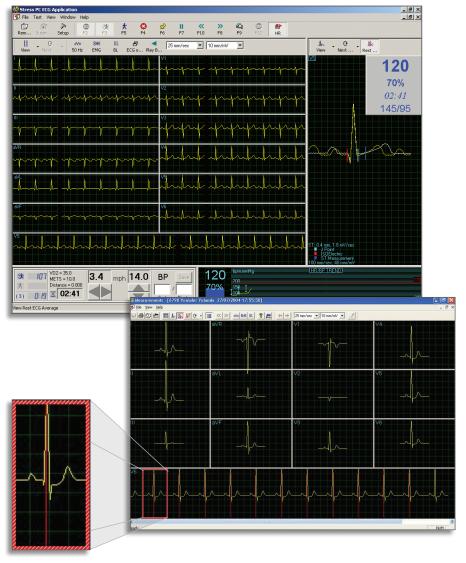
Quark C12x (USB patient cable)

Software Features

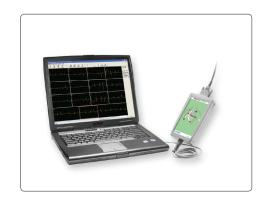
- Automatic Arrhythmia detection, print and capture: VPB and SVPB
- Real time and retrospective J Point and Isoelectric identification
- Remote viewing anywhere on your local hospital network room
- Standard paper or thermal paper print options
- User initiated and automatic capture of events
- User defined Exercise Protocols
- Integration with COSMED gas exchange equipment
- Predicted oxygen uptake and METS estimation
- Real time super imposition QRST complex
- Export formats: JPEG, XML, GDT, PDF







Real time ECG display and scroll back of all leads, QRS complexes and trends

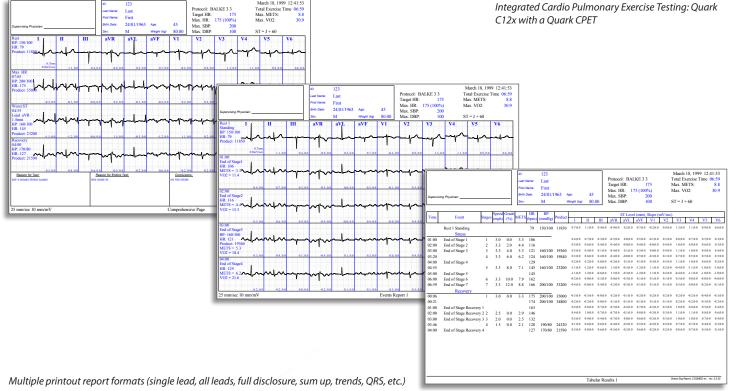


Quark C12x, direct USB connection to notebook



Integrated Cardio Pulmonary Exercise Testing: Quark C12x with Fitmate MED





*Quark T12x Wireless ECG Transmitter has been optimized for working in noisy EM Environments (Bluetooth, Wi-Fi Networks, Cellphones etc.). It includes an automatic Channel Shift Feature for selecting the optimal Transmission Channel.







COSMED srl

Technical Specification

ECG Functions Resting ECG Stress Testing ECG

Hardware

Standard Leads

Communication

Rf Output Power

Dimensions (cm)

Available Languages

Weight (g)

Batteries

Power Supply

Current Consumption

FDA 510(K) Cleared

EN ISO 13484:2004

Standard

Number of Electrodes

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