CARDIOTEST ALFA SYSTEM

A system designed to be installed on an user's PC. Depending on a chosen version it consists of functional CardioTEST software with a training equipment and/or signal transmitter or device.

Available versions:

- **CardioTEST Alfa System B612** consisting of CardioTEST software for exercise stress tests with a treadmill B612 with in-built ECG device,



- **CardioTEST Alfa System CRG200** consisting of CardioTEST software for exercise stress tests with the ergometer CRG200 with in-built ECG device.



- **CardioTEST Alfa Systeml A500** consisting of CardioTEST software for exercise stress tests with AsPEKT 500 - transmitter KBEKG2; designed for owners of a training equipment.



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CE 0197

EN ISO 9001
EN ISO 13485
MDD 93/42/EEC
Free Sale Certificates

date of printing: 10.2014

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Electrocardiographs **AsCARD**

ECG Holter Systems **HolCARD 24W**

ABPM Systems **HolCARD ABPM**

Exercise Stress Test Systems **CardioTEST**

ECG Equipment's Accessories

Exercise Stress Test Systems CardioTEST

CardioTEST

OUR RECOMMENDATION

AsPEKT 500

B612 TREADMILL

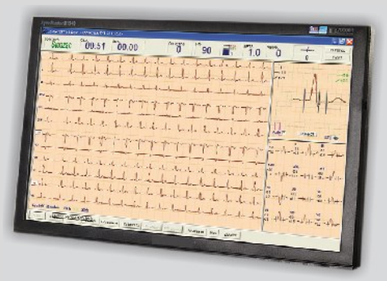
NEW

CRG 200 ERGOMETER

EXERCISE STRESS TEST SYSTEM

For exercise stress tests ASPEL offer a tried and true, yet easy to operate CardioTEST range of products. The line includes both completely equipped workstations as well as separate elements to build an individual diagnostic centre according to special requirements of an user. The series contains:

- **CardioTEST Alfa System** – professional software with an ergometer or a treadmill with a ECG transmitter or a device,
- **CRG 200** – an ergometer with an in-built ECG device,
- **B612 Treadmill** – a specialistic medical device with an in-built ECG module,
- **AsPEKT 500** – a digital ECG transmitter KBEKG2.



CARDIOTEST

Specialistic, user-friendly software destined to carry out both exercise and classic resting ECG tests. Main functions as examinations' reviewing and archiving, descriptions' addition or reports' creation are complemented with more advanced options as:

- presentation of averaged P-QRS-T complexes from all 12 leads together with measurements' results of ST level and slope,
- standard protocols of examinations with an option of defining users own protocols also in a RAMP mode,
- automatic measurement of HR, ST level and slope,
- automatic determination of measurement points: BL, J, ST with a manual correction function,
- automatic control of loading of both an ergometer CRG 200 and a treadmill,
- presentation of parameters referring to an examination phase, current loading, time of an examination stage and of total exercise duration,
- monitoring such parameters as: heart rhythm frequency, MET, DPR, ST segment slope and loading during exercise,
- alarm system for monitored parameters and Arrhythmias,
- review of trends of all measured parameters during examination,
- 3-D presentation of trends depicting ST segment changes,
- ECG printout in the real time,
- archiving and printout of a report enabling reliable estimation of an examination. The report includes ECG registration, averaged P-QRTS-T complexes and a table with examination results,
- on-screen review of a report before its printing,
- reanalysis option for a conducted examination.

Additionally CardioTEST software provides automatic measurement of blood pressure due to co-operation with HoiCARD CR-07 recorder.

ASPEKT 500 – TRANSMITTER KBEKG2

A digital transmitter destined for a wireless transmission of a 12 lead ECG signal. AsPEKT 500 enables free relocation of a patient within the radius of 10 meters from the workstation equipped with the device. Its further advantages may be described as:

- wireless transmission of ECG registration directly to the software operating exercise ECG examinations, ensures unrestricted by cables moving possibilities,
- small, portable dimensions: 130x96x30 mm,
- supply: 2 AA batteries or Ni-Cd accumulator (capacity > 2,2 Ah),
- automatic heart pacemaker detection,
- ECG input circuit protected against defibrillator's impulses.



B612 TREADMILL

A dependable device with an in-built ECG module enables conducting exercise ECG tests as well as cardiology rehabilitation. The main features of the treadmill are:

- unique treadmill's inclination adjustment function – an in-built inclinometer assuring automatic levelling of the treadmill to the floor surface,
- the possibility of precise load setting during trainings and stress exercise examinations,
- 3 safety switch-off buttons,
- released RS-232 communication protocol.





CRG 200 ERGOMETER

A modern device with an in-built ECG module used not only for exercise examinations, but also for conducting cardiology rehabilitation. An ergonomic construction assures comfortable and safety operating. Additionally the equipment may be characterised by:

- processor controlled electromagnetic break assuring precise regulation of device's loading,
- loading level independent of rotations quantity.