



ASPEL

CARDIOTEST ALFA SYSTEM

B612

Product	CardioTEST Alfa System B612 consists of: <ul style="list-style-type: none"> - Treadmill B612 - model C - CardioTEST software
Treadmill B612 - model C	
Speed	- speed range from 0 - 20km/h, settable by every 0,1km/h
Inclination range	- inclination range from 0 - 25%, settable by every 0,5%
Operating dimensions of band	<ul style="list-style-type: none"> - length - 1500mm - width - 500mm
ZERO START function	- function ZERO START available
Safety switch off button	- safety switch off buttons, stops treadmill. In standard are 2 pcs. on handrails and one external switch button for a medical personnel

ASPEL

CARDIOTEST ALFA SYSTEM

B612

In-built ECG module	<ul style="list-style-type: none"> - ECG signals: 12 standard leads in diagnostic mode - HR measuring range: 25 - 300bpm +/- 2% - HR resolution: 1bpm - monitoring range of ST section: +/- 3mm (10mm/mV) - ST wave change monitoring range: +/- 3mm, +/-0,2mm at 0,1mm resolution for 10mm/mV - sensitivity: 2,5/5/10/20mm/mV - record speed: 25/50/100mm/s <p>Filters:</p> <ul style="list-style-type: none"> - network interferences: none, 50Hz, 60Hz - muscle interferences: none. 25Hz, 35Hz, 45Hz - isoline filter: none, 0,15Hz, 0,45Hz, 0,75Hz, 1,5Hz
Power supply	- 230V, 50Hz
Max power consumption	<ul style="list-style-type: none"> - 230V, 50Hz - below 10A
Max user weight	- 180kg
Treadmill weight	- 185kg
Dimensions	- (LxWxH) 1999x747x1217mm
Safety norms	<ul style="list-style-type: none"> - safety use: EN 60601-1, EN 957-1, EN 957-6, EN 60601-2-25 - electromagnetic compatibility: EN 60601-1-2 - medical device class: IIa (rule 10) - type of protection against electric shock (EN 60601-1): Class I - classification of the training equipment (EN 957-1): Class SA - application part (EN 60601-1): Type CF, resistant to defibrillation
Connection interface	- RS-232 or USB - connection to PC which controls the work of a treadmill
Certificates	<ul style="list-style-type: none"> - CE 0197 - EN ISO 13485 - MDD 93/42/EEC
Standard accessories	<ul style="list-style-type: none"> - patient cable - disposable electrodes - abrasive paste

CardioTEST software

Functional features	<ul style="list-style-type: none"> - recording of 12 standard leads according to Einthoven, Goldberg, Wilson and Cabrer - automatic measurement of HR, ST level and slope - possibility of cooperation with treadmills operating TrackMaster protocol
----------------------------	--

ASPEL

CARDIOTEST ALFA SYSTEM

B612

Functional features	<ul style="list-style-type: none"> - possibility of cooperation with ergometers operating Ergoline protocol - reanalysis option for conducted examinations - printing and archiving of report
Registration and observation	<ul style="list-style-type: none"> - simultaneous registration and observation of ECG signal from all 12 leads on PC screen - registration and observation of average P-QRS-T complexes from all 12 leads, ST level and slope in on-line mode - observation of measuring points - BL, J and ST with a manual correction possibility - registration and observation of current HR - presentation of examination's phase parameters: <ul style="list-style-type: none"> current loading, time of an examination stage, total exercise duration - PMHR control - observation of % PMHR - registration and observation of MET - registration and observation of DPR - review of trends of all measured parameters during examination - automatic analysis of arrhythmias - option of automatic blood pressure measurement - alarms for monitoring parameters and arrhythmias
Protocols	<ul style="list-style-type: none"> - pre-programmed protocols - user-designed protocols - RAMP protocol
Printing and archiving	<ul style="list-style-type: none"> - printout on a laser printer on A4 size paper - real-time printing of ECG curves - printing and archiving examination reports which contain: <ul style="list-style-type: none"> patient's data, full disclosure ECG of the whole recording, selected strips, average P-QRS-T complexes, table summary, load value, HR, ST level and slope, MET - on screen review of a report before its printing option
Sensitivity	- 2,5/5/10/20mm/mV
Speed	- 25/50/100mm/s
Filters	<ul style="list-style-type: none"> - isoline filters - mains disturbance filter - 50Hz - muscular disturbances filter - 25Hz, 35Hz
Compatible with	<ul style="list-style-type: none"> - ergometer CRG 200 - treadmill B612 - model C
Certificates	<ul style="list-style-type: none"> - CE 0197 - EN ISO 9001 - EN ISO 13485 - MDD 93/42/EEC