CARDIO PERFECT ST-2001 FOR WINDOWS... THE PERFECT CHOICE

Cardio Perfect ST-2001 is the perfect PC-based system for every doctor or hospital with plans to expand into stress testing or who simply wishes to prepare for the future. Flexible, affordable and easy to work with, the Cardio Perfect ST-2001 includes a Cardio Perfect ECG recorder (MD-model), resting and stress test software. The system can also be used on a Notebook computer and in network environments (Windows 95/98/2000, Windows NT 4). Based on the latest Windows technology, the Cardio Perfect Stress Test software is designed for optimum user friendliness, versatility and quality.

Workstation

The Cardio Perfect ST-2001 is now part of the Cardio Control Workstation, which either works as a standalone Stress Test system, an ECG management system or a multi-disciplinary medical diagnostic system. See for more information the Medical Diagnostic Workstation brochure.

During the test

Monitoring: the Cardio Perfect ST-2001 records and monitors all 12 ECG leads simultaneously and continuously. During the stress test, 3, 6 or 12 user-selected leads are displayed. Other leads can be reviewed easily while recording. A scroll-back function allows easy confirmation of ECG abnormalities with

the possibility to print the selected part of the recording during monitoring. ST measurements: averaged ECG complexes are calculated on regular intervals and superimposed on a reference ECG complex, showing the ST changes in detail. ST- and ST-slopes measurements are displayed both in a trend graph and in a table during the test. The ST measurement point is configurable (both absolute and relative). Trend graphs: heart rate, load and blood pressure trend graphs are available during the test, providing instant information regarding changes as they occur. Print-outs: during the test, 2x6 ECG strips can be printed at regular pre-defined (work phase) depending intervals.

After the test

Data storage: All 12 ECG leads can be stored completely allowing full arrhythmia evaluation after the test. Print-outs: after the test has been completed, a pre-configured (user defined) set of printing formats can be produced or, alternatively, evaluation of results can be made on-screen and a selection made before printing, thus saving time and resources. The results are printed on standard white paper, avoiding the further cost of special thermal paper. Report generation: all data is stored on hard disk allowing the print-outs of full-disclosures, 2*6 leads, averages, trend graphs, tabular report and summary at any time and in any combination using a versatile print protocol programmer. By evaluating results on the monitor, a paperless stress test system can be created.

SVGA monitor

Cardio Perfect MD

patient cable

printer

personal computer

Look to the future with the Cardio Perfect ST-2001 Stress Test

Special features

Treadmills and bicycle ergometers: The software controls most treadmills and bicycle ergometers without any further costs for special drivers. Standard stress test protocols are provided but can also be programmed by the system. The Cardio Perfect software allows the programming and storage of up to several thousand different stress test protocols. Parameters like patient weight, current heart rate make protocol programming flexible and easy. The protocol can be manually overridden during the test. The Cardio Perfect system hardware allows transfer of ECG data to other applications in analogue, TTL trigger or digital format. Complete control: several blood pressure devices, among which the Pressure Perfect by Cardio Control, can be controlled by the Cardio Perfect software. This, plus the possibility to enter comments during the test, creates a full command center behind your keyboard.

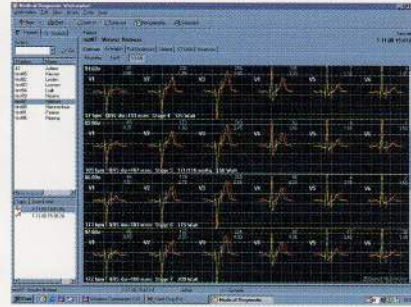## State-of-the-art equipment

The Cardio Perfect system provides the perfect tool for stress testing at low operational cost: printing on standard white paper, standard off-the-shelf PC hardware. Continuous upgrading of the software makes and keeps the system state-of-the-art. All Cardio Perfect ECG recorders have integrated defibrillation protection. It is therefore no problem to use a standard vacuum electrode system. Both software and hardware have all necessary national and international approvals.
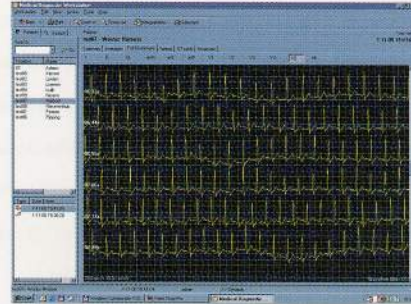
Technical specifications

- MD model (separate patient cable is required)

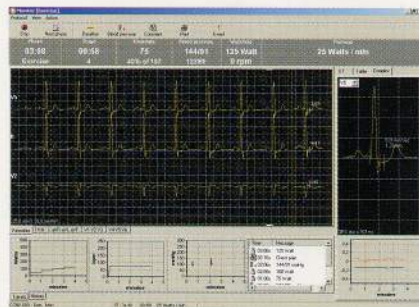|	
Dimensions & Weight:	285x180x50 mm, 1349 g (3 lbs.)
Power Supply:	9 V battery
Computer interface:	PCI, USB, PCMCIA

Minimum computer requirements (recommended)

Processor:	Pentium 133 (Pentium II or higher)
Memory:	32 MB (64 MB or higher)
Monitor Resolution:	800 x 600, 256 colors
	(1024 x 768, 64k)
Hard Disk:	150 MB Available
Operating System:	Windows 95/98/2000, Windows NT(4)
	Installation requires a CD-ROM

Display of averaged compexes with ST data and other relevant information

Full disclosure display with the possibility to print interesting segments of the full disclosure

Stress test recording screen