A712 v.301

A712 v.201

ASPEL
HOLCARD 24W ALFA SYSTEM
A712 v.201 and A712 v.301

Product	HolCARD 24W Alfa System A712 consists of:
	- Digital recorder AsPEKT 712
	- HolCARD 24W software with safety key
	- card reader
	- AA alkaline batteries
	- Disposable electrodes
	- User manuals
	- replaceable patient cables

Digital recorder AsPEKT 712

Function features	- 3-channel or 12-channel digital registration of the ECG signal
	- 7-electrode and 10-electrode patient cable
	- Registration time: 48-hour or 7 days on SD Card
	- Built-in the real time clock
	- EVENT button
	- Lead-off detection
	- Pacemaker detection
	- On-line ECG transmission via Bluetooth with PC and mobile device
	- Optical and sound signalization state device
	- Linkage name of patient to ECG record
	- LCD screen (optional: A712 v.301)

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Physical parameters	- Dimensions: (LxWxH) 72x76x23mm - Weight: 130g - Operating position: any orientation - Operating temperature: 0 - 45^{0}C - Storage temperature: -20 - 60^{0}C - Operating air humidity (during operation: 10 - 95% -non-condensing) - Atmospheric pressure: 70 - 106 kPa
Electrical parameters	- Max. range of input signals: +/- 5mV (10 mVpp) - Record band: 0,05 - 55Hz - Stimulation impulse detection band: up to 10kHz - Battery: 1AA -type alkaline batteries LR6 (AA)
Safety norms	- Protection against electric shock (EN 60601-1) - internally powered device - battery - CF type parts - Medical device class - IIa (rule 10) - Operation safety - EN 60601-1, EN 60601-2-47 - Electromagnetic compatibility - EN 60601-1-2
Connection interface	- Wireless communication with PC and mobile devices (smartphone, tablet)
Certificates	- CE 0197 - EN ISO 9001 - EN ISO 13485 - MDD/93/42/EEC
Standard accessories	- Case for holding apparatus with belt - User Manual - SD Card - Disposable electrodes - 1 AA size alkaline battery

HolCARD 24W software

Functional features	- Fully compatible with Microsoft Windows environment - Ensures 3 or 12 independent recording channels dependable on a chosen recorder - Coloured on-screen display - multicoloured presentations on a screen - Printing of all recorded ECG signal available - Preparing a printout in an automatic mode or possibility to choose particular ECG lines with their etiquettes - Filter of auricular fibrillation
Analysis and interpretation	- Estimation of Arrhythmia and of ST segment - Analysis of ECG recordings in prospective or retrospective modes - Detection, reviewing and editing capability in the qualitative assessment of VE, VT, Single SVE, PSVT, Pauses, Irregular Rhythm, VT, IVR, Brady - and Tachycardia, Couplets, ST-segment elevation and depression, Maximum, Minimum and averaged Heart Rates, artifacts - Results presentation in a trend format as well as ST trends in 3-D option - Immediate access to ECG recordings from any level of analysis - tables and trends

Analysis and interpretation	- Tabular hourly summaries of all quantitative results - Analysis of Arrhythmia of ventricular and supra-ventricular orgins in registrations till 48 hours - Easy edition of all ventricular and supra-ventricular impulses owing to the used class editor function - Independent analysis of ST segment of each ECG channel for a chosen by a user ST points of reference; J point as well as R-R base line
Compatible with	- PC and Microsoft Windows environment - Digital ECG recorder AsPEKT 703, 712, 903, 800, 812
Certificates	- CE 0197 - EN ISO 9001 - EN ISO 13485 - MDD/93/42/EEC