

AsCARD Grey



ECG signals	12 standard leads according to Einthoven, Goldberg, Wilson and Cabrer
Working mode	automatic, manual, automanual, rhythm, long
Printout	<ul style="list-style-type: none"> • 3x4, 3x4+1R, 3x4+2R, 3x4+3R, 6x2, 6x2+1R, 6x2+2R, 6x2+3R, 12x1 • settable printout accuracy – thickness of printed curve lines • A4 printout directly on an external PCL5/6 printer option
Analysis and interpretation	<ul style="list-style-type: none"> • automatic analysis and interpretation in compliance with EN 60601-2-51 (CSE database) • depends on age and gender of a patient
Heart pacemaker detection	<ul style="list-style-type: none"> • detection of heart pacemaker peaks • acoustic signalling of detected beats
Functional features	<ul style="list-style-type: none"> • database of patients and examinations • menu displayed on a touch screen for easy operation • multilingual menu • ECG examination on an open heart available • function of taking orders and returning transmission of taken ECG in HL7 standard via Internet (optional) • ECG-M@IL function for examinations sending to an e-mail address • wire communications with LAN and ethernet • Wi-Fi (optional) • EMR – archiving of examinations of chosen period on external USB memory • possibility of conducting screening spirometry examinations by using SPIRO-31 attachment • saving ECG examinations in formats: CadioTEKA (.a01), SCP in EN 1064 standard, PDF, AsECG-XML • signalisation of accumulator voltage reduction and charging • INOP signalisation independent for each electrode

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Display	<ul style="list-style-type: none"> • LCD TFT 7" colour touch screen with WVGA 800x480 resolution • presentation of 3, 6, 12 leads on a screen • reviewing saved examinations on a screen • presentation of analysis and interpretation on a screen
Keyboard	membrane alphanumeric keyboard with functional keys
Sensitivity	2.5/5/10/20 mm/mV
Speed	5 mm/s; 6,25 mm/s; 10 mm/s; 12,5 mm/s; 25 mm/s; 50 mm/s
Filters	<ul style="list-style-type: none"> • contour line filters; filters available: 0.15 Hz, 0.45 Hz, 0.75 Hz, 1.5 Hz • mains disturbance filter – 50 Hz, 60 Hz • muscular disturbances filter – 25 Hz, 35 Hz, 45 Hz
Paper	<ul style="list-style-type: none"> • EASY LOAD – automatic paper loading system • thermoactive, wax and dust free • 112 mm wide
Memory	memory of 1000 examinations and patients
Power supply	<ul style="list-style-type: none"> • main supply 100-240, 47-63 Hz • internal accumulator with charger, 7.2V/2.2Ah to perform 130 automatic examinations or work in battery mode up to 3,5 hours
Communication interface	<ul style="list-style-type: none"> • USB Host x 2 – communication with an external PCL5/6 printer and/or FlashDrive • USB Device – communication with PC • ethernet – communication with a local network
Safety norms	<ul style="list-style-type: none"> • protection against electric shock (EN 60601-1): Class I device • CF type parts resistant to defibrillation, Applicant part (EN 60601-1) • device class and group according to CISPR-11: Class A, Group 1 • medical device class: IIa (rule 10) • IP protection class: IP X0 • operation safety: EN 60601-1, EN 60601-2-25 • electromagnetic compatibility: EN 60601-1-2
Dimensions	(LxWxH) 258x199x50 mm
Weight	1.3 kg
Gross weight/packing dimensions	3.2 kg/(LxWxH) 350x245x130 mm

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Standard accessories	<ul style="list-style-type: none">• patient cable KEKG30• suction electrodes EPP – set of 6• clamp electrodes EKK – set of 4• ECG gel – 250 g• ECG paper RA4 – 1 pc• ethernet cable• supply cable
Optional accessories	<ul style="list-style-type: none">• safety carry bag for medical equipment WMB5• ECG paper RA4• trolley WB5• trolley W30W• archiving and database software – CardioTEKA• spirometry attachment SPIRO-31
Compatible with	<ul style="list-style-type: none">• PC• USB memory• external printer PCL5/6• archiving and database software – CardioTEKA
Certificates	<ul style="list-style-type: none">• CE 0197• EN ISO 9001• EN ISO 13485• MDD 93/42/EEC• CFS