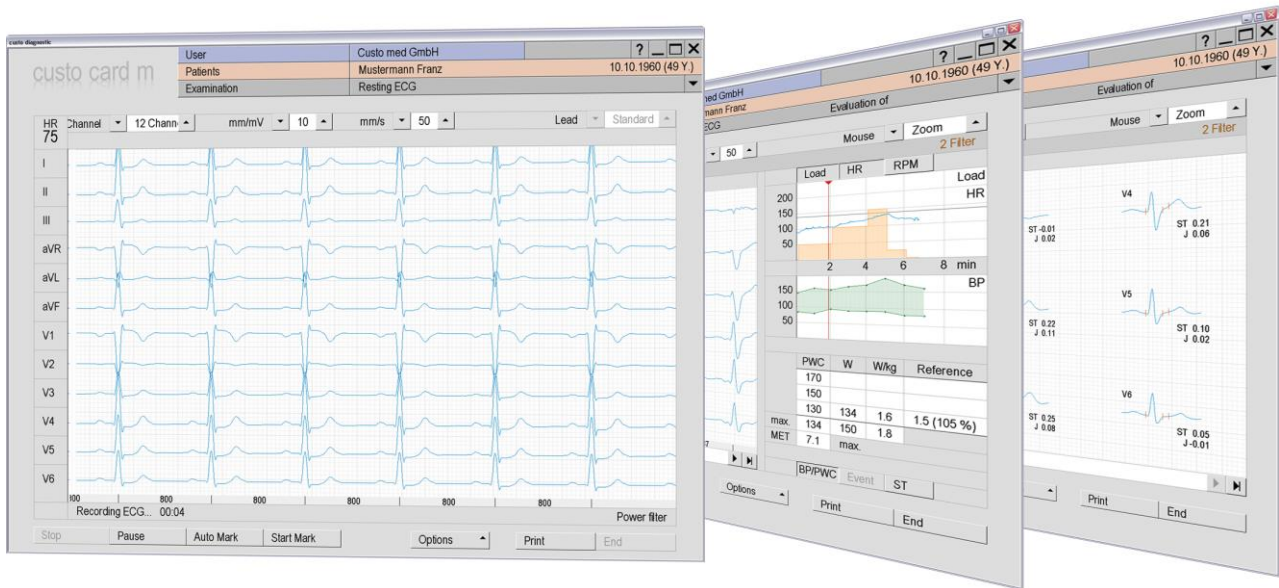


12-channel PC ECG

DK 0963 – TFL 0007 – V003 – 03/24/2010

with custo cardio 100/110 USB | Resting and Stress ECG



- Mobile use at every PC due to USB connection
- Recording, display, analysis and reporting of a 12-channel ECG on every PC in the network
- Online analysis and display of events relating to heart frequency and ventricular events during recording
- Easy and cost-efficient extension to CPET

- Comparison of all patients' examinations
- Comfortable reports with predefined text modules
- Clearly arranged A4 paper printouts with one click
- Paperless medical practice: Mailing of evaluations and reports as email, fax, PDF and as evaluation file (.cst)
- Versatile connection possibilities into existing IT structures (HL7, FDA-XML, SQL, GDT, SCP)



Your authorised custo med dealer

 **custo·med**
EXCELLENCE IN DIAGNOSTICS

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Email: info@ustomed.de, Internet: www.customed.de

Specifications

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custo cardio 100/110 USB

Sampling rate	12.000 samples/sec. extremities and chest wall		
Frequency response	0.05 – 500 Hz		
Deviation	< 1.5%		
A/D converter	24 bit		
Input impedance	> 50 MΩ		
Amplitude quantification	0.3 μV/bit		
Defibrillation protection	Electrical strength 5000 V (recovery time < 10s)		
Power supply	USB cable		
Energy consumption	max. 2.5 watt during recording		
Software filter and functions	Power filter, muscle filter, anti drift filter, pacemaker detection		
Impedance measurement	of all electrodes (not N) with automatic quality indication		
Size	approx. 160 * 85 * 25 mm (L * W * H)		
Weight	approx. 330 g		
Patientleads	custo cardio 100 ERG	extremities	approx. 600 – 700 mm
		chest	approx. 500 – 650 mm
	custo cardio 100/110	extremities	approx. 1050 mm
		chest	approx. 700 mm
Classification	Protection class II, class IIa, type BF defibrillation-protected DIN EN 60601-1, 60601-2-25, 60601-2-51		
Software requirements	custo diagnostic 3.3.1 and higher		

Scope of delivery

custo cardio 100/110 USB

Neoprene bag

Belt

ECG electrodes



Resting ECG Software Functions

- Single beat analysis, cumulative complexes, measurement table, interpretation

Stress Test ECG Software Functions

- Online arrhythmia detection with acoustic and visual warning function
- Predefined profiles with the possibility for customized configuration
- Control of treadmills, sitting and supine ergometers
- Automatic recording of blood pressure, SPO2 and lactate
- Summary of all examination-specific values in a report

