

HIGH-END 12-CHANNEL ELECTROCARDIOGRAPH FOR RESTING AND STRESS ECG

 **KES-121L**



DIGITAL 12-CHANNEL ELECTROCARDIOGRAPH
WITH LARGE 12" COLOR TOUCHSCREEN IDEAL FOR REST AND STRESS ECG

PERFORMANCE FEATURES

- ⌚ European quality standard
- ⌚ Easy data entry
- ⌚ Automatic ECG measurement
- ⌚ ECG interpretation + rhythm analysis
- ⌚ Automatic ergometer control
- ⌚ Versatile ECG memory functions
- ⌚ Direct connection for HP laser printer
- ⌚ PDF export function via LAN (option)

KALAMED GMBH IS
CERTIFIED ACCORDING TO
ISO 13485:2012



**PATIENT CABLE WITH
4 MM BANANA PLUG**



**EXTREMITY
CLAMP ELECTRODES**



**CHEST WALL
SUCTION ELECTRODES**

TECHNICAL DATA

Safety standard	IEC class I, type CF
Acquisition mode	Simultaneous acquisition of 12 ECG leads
Input circuit	potential-free, defibrillation protection
A/D converter	24 bit
Time constant	≥ 3.2 s
Frequency range	0.05 Hz – 165 Hz
Sensitivity	Auto; 2.5; 5; 10; 20; 40 (mm/mV) ± 5 %
Input impedance	≥ 50 M (10 Hz)
Power input circuit	≤ 50 mA
Input voltage range	± 5 mVp-p
Calibration peak	1 mV ± 2 %
Depolarization voltage	± 500 mV
Noise	< 15 Vp-p
Filters	EMG filter: 25 / 35 / 45 Hz ADS filter: Yes / No HUM filter: Yes / No
CMRR	≥ 120 dB
Patient discharge current	< 10 μA
Printer	Thermal array printer or ext. HP laser printer (A4)
Printer paper	Thermosensitive paper (roll or folded paper)
Paper width	216 mm
Writing width	210 mm
Recording speed	5; 6.25; 10; 12.5; 25; 50 mm/s ± 3 %
Interfaces	USB / LAN
Dimensions	420 mm x 324 mm x 112 mm
Weight	5.0 kg

PERFORMANCE FEATURES

The KES-121L is a high-end 12-channel ECG device which is equipped with a 216-mm thermal printer. Informative stress ECG examinations can be easily performed using the KES-121L. The large 12.1" color touchscreen display is used for easy entry of patient data and accurate display of all 12 ECG leads, even during stress. The KES-121L supports 5 languages: ENG / FR / GER / SP / ITA. Various recording formats from 3-channel to 12-channel are available; these can be selected in the automatic recording mode. ECGs may be saved on various media such as, for example, a USB stick or on the network (option). Clear ECG printouts are possible either via the integrated thermal printer or via a connected HP laser printer.

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