

# INTELLIGENT 12-CHANNEL ELECTROCARDIOGRAPH WITH COLOR TOUCHSCREEN

 **KES-121T**



## **DIGITAL 12-CHANNEL ELECTROCARDIOGRAPH** FOR PRIVATE PHYSICIANS, MEDICAL OFFICES AND CLINICS

### **PERFORMANCE FEATURES**

- ⌚ European quality standard
- ⌚ 7" color touchscreen
- ⌚ Easy data entry
- ⌚ Automatic ECG measurement
- ⌚ ECG interpretation + rhythm analysis
- ⌚ 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 roll 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	345 mm x 280 mm x 90 mm
Weight	3.5 kg

## PERFORMANCE FEATURES

The KES-121T is a high-quality 12-channel ECG device which is equipped with a 216-mm thermal printer. The clear 7" color touchscreen display is used for easy entry of patient data and accurate display of all 12 ECG leads.

The KES-121T 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.

## YOUR KALAMED DISTRIBUTOR

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