



POLYMED GROUP ■ SUISSE

# INTELLIGENT 12-CHANNEL ELECTROCARDIOGRAPH WITH COLOR TOUCHSCREEN





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

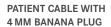
#### **PERFORMANCE FEATURES**

- ⊕ European quality standard
- → 7" color touchscreen
- ⊕ Easy data entry
- → Automatic ECG measurement

- Direct connection for HP laser printer
- PDF export function via LAN (option)









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	≥3.2s
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: 25/35/45Hz
	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

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### **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.

