

# THE AFFORDABLE ENTRY-LEVEL ECG DEVICE FOR EVERY PHYSICIAN

 **KES-301**



## **DIGITAL 3-CHANNEL ELECTROCARDIOGRAPH** FOR AC AND BATTERY OPERATION

### **PERFORMANCE FEATURES**

- ⌚ European quality standard
- ⌚ Simultaneous acquisition of 12 ECG leads
- ⌚ 3.8" ECG display for 12 leads
- ⌚ Automatic ECG measurement
- ⌚ ECG interpretation (option)
- ⌚ ECG rhythm analysis
- ⌚ Internal memory for 12 ECG files
- ⌚ SD card (option) for 250 ECG files

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	12 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 / 45 Hz ADS filter: Yes/No HUM filter: Yes/No
CMRR	≥ 100 dB
Patient discharge current	< 10 μA
Printer	Thermal array printer
Printer paper	Thermosensitive roll paper
Paper width	63 mm
Writing width	55 mm
Recording speed	5; 6.25; 10; 12.5; 25; 50 mm/s ± 3%
Dimensions	345 mm x 300 mm x 80 mm
Weight	2.5 kg

## PERFORMANCE FEATURES

The KES-301 is a small and lightweight ECG device which is equipped with a 3-channel printer. The clear LCD display is used to check patient data and for a detailed display of all 12 ECG leads. The KES-301 supports 5 languages: ENG/FR/GER/SP/ITA. Recording formats from 1-channel to 3-channel are available; these can be selected in the automatic recording mode. This mode also enables the selection of an option with 1 channel + 1 rhythm lead which can be recorded as a continuous waveform, as needed. Various printing formats are available for measurements and analyses.

## YOUR KALAMED DISTRIBUTOR

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