

## 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	$\geq 3.2$ s
Frequency range	0.05 Hz - 165 Hz
Sensitivity	Auto; 2.5; 5; 10; 20; 40 (mm/mV) $\pm 5\%$
Input impedance	$\geq 50$ M (10 Hz)
Power input circuit	$\leq 50$ mA
Input voltage range	$\pm 5$ mVp-p
Calibration peak	1 mV $\pm 2\%$
Depolarization voltage	$\pm 500$ mV
Noise	$< 15$ Vp-p
Filters	EMG filter: 25 / 45 Hz ADS filter: Yes / No HUM filter: Yes / No
CMRR	$\geq 100$ dB
Patient discharge current	$< 10$ $\mu$ A
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 $\pm 3\%$
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