



## DEO-12

ECG Machine 12  
Channel

### PRODUCT FEATURES

- Portable, delicate design, easy to cooperate.
- Accurate pulse pace identification; High accuracy digital filter & auto baseline adjustment.
- 12 leads synchronously acquisition and record; recording mode 3ch+++, 6ch, 6ch+, 12ch.
- Four working modes: Manual/Auto/R-R/ Store.
- 800x480 graphic, 9inch color touch LCD to display ECG information.
- 400 patient cases storage and replay ( internal SD card is optional ).
- With freeze function offreezing 12 seconds ECG.
- 210mmx30m, roll paper, high resolution thermal printing ( optional for Z-fold paper ).
- Rechargeable Li-ion battery supports continuously working for about 18 hours.
- USB and UART port support USB flash storage and laser printer printing.
- PC ECG management software is optional.
- Measurement: 310mmx278mmx76mm, 3.0kgs.

# TECHNICAL SPECIFICATION

Lead	Standard 12 leads	Time constant	≥3.2s
Lead acquisition	32000Hz(synchronously)	Frequency response	0.05~160Hz(-3db)
Work mode	Manual/Auto/R-R/Store	Noise level	<15μVp-p
Filter	AC Filter: 50Hz/60Hz EMG Filter:25Hz/45Hz Anti-Drift Filter: 0.15Hz(adaptive)	Inter-channel interference	≤0.5mm
		Sensitivity	Auto,2.5,5,10,20,40mm/mV(±3%)
CMRR	≥120dB(with AC Filter )	Recording mode	3ch+++,6ch,6ch+,12ch
Input Circuit	Floating; Protection circuit against defibrillator effect	Paper speed	6.25,12.5,25,50mm/s(±3%)
		Recording Paper	210mmx30m roll thermal paper
Input impedance	≥50MΩ	Power supply	AC:110-230V(±10%),50/60Hz,40VA DC: Built-in rechargeable Li-ion battery, 14.4V,4400mAh
Input circuit current	≤0.05μA		
Patient current leakage	<10μA		
Calibrating voltage	1mV±2%	Communication Port	USB, UART
Voltage tolerance	≥±500mV	Dimension/Weight	310mmx278mmx76mm,3.0kgs

# PACKAGE LIST

Main unit	1set	Grounding cable	1pc
Patient cable	1pc	Fuse	2pcs
Limb electrodes	1set ( 4pcs )	Paper axis	3pc
Chest electrodes	1set ( 6pcs )	Recording paper	1roll ( 210mmx30m )
Power cable	1pc	Operation manual	1copy

