

# TLC9803

## Dynamic ECG Systems



**Healthcorp**  
MEDICAL EQUIPMENT

Mail: [contacto@healthcorp.ec](mailto:contacto@healthcorp.ec)  
Celular: 0999230608

### Brief Introduction

TLC9803 Dynamic ECG Systems adapts 3-lead systems defined by our company, can record continuously ECG waves for 24h, and analyses waves with PC software. It is applicable in hospital and community medical establishment.

## Recorder Features

- With advanced design and technology, the recorder can work stably, dependably and durably.
- Be provided with the capability of anti-jamming and aseismic.
- Small volume with OLED screen. The resolution is 160\*128.
- Be provided with functions of waveform preview, record review and event marking.
- Accurate record of the start time of the data sampled owing to the real time clock of itself.
- Avoid damage owing to the repeating inserting and pulling out by using the inbuilt TF card to storage the data.
- The maximum capability can be 2GB, so the original data can be saved perfectly by no compression.
- The average review time of single case can be less than 40 seconds by using interface of USB 2.0.
- Record waveform details inextenso by the design of high precision and sampling frequency.
- Record the state of pacemaker exactly by higher sampling frequency.

## The Features of Software

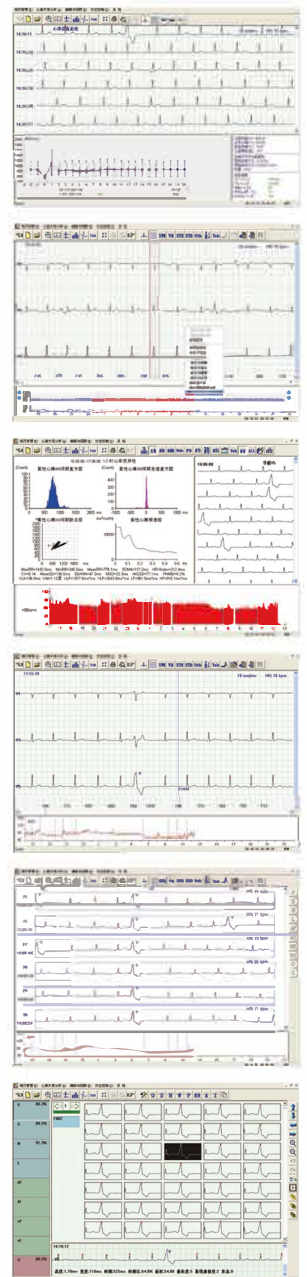
- Quick and accurate analysis system.
- The 3-lead synchro analysis, to find accurate, QRS search can be accurate and no distortion.
- There are more than 10 templates as atrial premature beat module, ventricular premature beat module, long interval module, atrial flutter module, atrial fibrillation module etc. and multiplicate User-defined templates could almost identify every kind of pathologic waveforms.
- Flexible analysis channel selection function, can choose any channel as the mainly analysis the channel.
- Flexible atrial fibrillation analysis, so that physicians can use full, segmented automatic, manual analysis of atrial fibrillation, make the analysis more quickly and accurately.
- Powerful pacemaker analysis, on the AAI, VVI, DDD etc. all pacemaker analysis.
- Many pacine modules have been added.
- Fast review analysis function, can be any period of time the review single lead or all leads electrocardiogram.
- Analysis of heart rate variability with short-range 5 minutes and long-range 1 hour and 24 hour analysis of heart rate variability.
- One-stop printing operation, report printing process is convenient and quick.
- Perfect function of case management.
- Advanced ST segment analysis and myocardial ischemia total load, can for the ST abnormal analysis according to the whole and event, make the doctor can comprehensive judgment myocardial ischemia.
- Unique "Sleep breath pause syndrome analysis" analysis can predict Sleep breath pause risk.
- "HRT" analysis can predict the risk of death in patients with myocardial infarction.
- "T Wave alternation" analysis is an important index to predict malignant arrhythmia and sudden cardiac death .

## Standard

- Number of channels: 3 channels
- Record time: 24 h
- Interface: USB2.0
- Standard Sensitivity: 10mm/mV $\pm$ 5%
- CMRR:  $\geq$ 60dB
- Low-frequency characteristics: Time constant $\geq$ 3.2s
- Scan speed: 25mm/s $\pm$ 5%
- Enduring polarization voltage:  $\pm$ 300mV DC polarization voltage,sensitivity shift $\leq$   $\pm$ 10%
- Least measure signal: 50  $\mu$ V p-p
- Product safety type: Type B (Internally powered)
- Sampling accuracy:12Bit
- Power: 2 AA size batteries
- Scale voltage: 1mV $\pm$ 5%
- Noise level:  $\leq$ 30 $\mu$ V

## Physical Characteristic

- Dimension: 111(L) X 60(W) X 25(H)mm
- Weight: About 105g(without battery)



## Accessories

