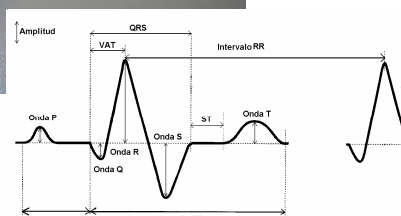
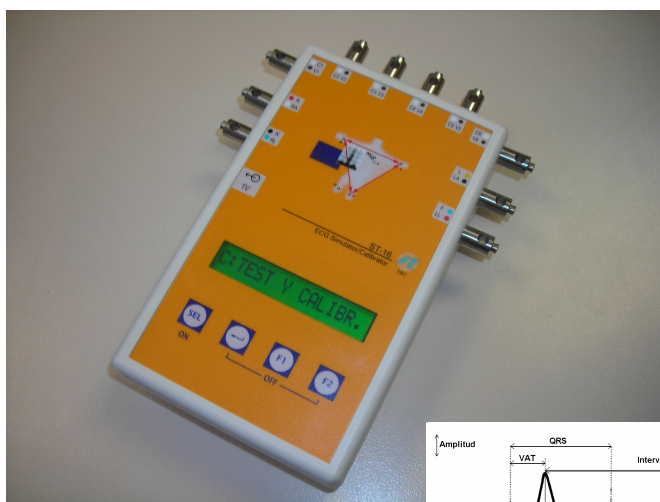




ECG Simulator / Calibrator

ST-16



Main features

- Easy to use
- Use by Menu
- LCD alphanumeric Screen
- Low battery signal
- Low consume
- More than 80 hours autonomy by using alkaline battery
- Power supply with battery or rechargeable battery



ST-16 is a unit that simulates the patient electrocardiogram signal (ECG) of 12 leads and test signals that allows the checking and calibration of the ECG units.



The selection can be made by the use of the menu and by programmable keys. .

ST-16 has been designed taking into account the user's needs by providing a working powerful tool in the diary work, for applications of preventive maintenance and corrective.

ST-16 can be used with batteries or rechargeable batteries and it has a great autonomy. It is provided with an auto-off function after 5 minutes without any activity detected on the keyboard.

Technical Features

Programs	
NORMAL RHYTHM	Sinus Rhythm of 30, 60, 120, 150, 180, 210 y 240 bpm with auto-sequence of 20 seconds each waveform.
ARRHYTHMIA	Sinus Arrhythmia, Atrial Flutter, Ventricular Fibrillation, Ventricular Tachycardia, Right Bundle Branch Block, Pacemakers (VVI), Normal Sinus + Interference, Normal sinus + Artifact with Automatic sequence of 20 sec each waveform.
TEST and CALIBRATION	Square wave Bipolar of 2Hz, Sine wave of 0.5, 10, 40, 50, 60, 80 and 100 Hz, Triangle wave of 2Hz, mV CAL, Automatic Sequence of 4 seconds on each waveform except on DC Pulse, of 16 seconds.
Frequency	
Accuracy	+ - 1%
Amplitudes	0,5 – 1 – 1,5 and 2 mV
Accuracy	+ - 3%
Connections	10 banana leads/clamp 4 mm
Accuracy	+ - 3%
Auxiliary output connection of 1 Volt	Stereo female connection of 3,5mm
Screen	LCD alphanumeric screen of 16 characters.
Keys	4 keys
Safety	Cl. IP
Conformity to standards	72/23/EEC; EN61010 (IEC1010)
Power supply	
	1 alkaline battery 6LR61 or rechargeable battery
Power consume	7 mA (medio); 12 mA (max.)
Autonomy	> 80 h. with an alkaline battery
	30 h. with the rechargeable battery (175 mAh)
Auto switch off	After 5 min. with no detected activity on the keyboard
Low battery indicator	By blinking the current message on the LCD screen
Weight	265 gr (without battery)
Dimensions	172 x 125 x 34 mm (D x W x H)

Standard accessories

- Carriage case
- Rechargeable battery 9V
- Battery charger 9V
- User's manual