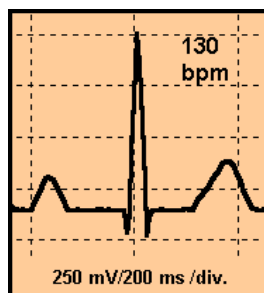
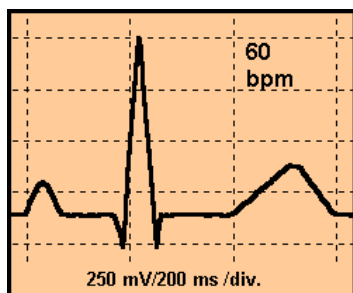


ECG Simulator

Ferronato[®] - FC3D

Well suited for testing ECG monitors, Holter recorders, QRS synchronised or triggered devices, electrocardiographs, etc. Digitally generated waveform, with high amplitude and rate stability.

- ✓ Realistic signals (Leads)
- ✓ Realistic output impedance
- ✓ Easy connection: Banana and Snap-On
- ✓ Membrane push-buttons
- ✓ Microcontroller based
- ✓ Long battery life (>300 h)
- ✓ "Low battery" indicator
- ✓ Small, sturdy and lightweight



Captured signals,
at 60 and 130 bpm



SPECIFICATIONS:

- Waveform:** "Normal PQRST" wave, as in the above figure. The generated signal could be Lead I, Lead II or Lead III, according to terminals connection.
- Signal amplitude:** Fixed, 1.0 mV peak to peak $\pm 5\%$.
- Rate:** Two selectable values: 60 and 130 bpm, $\pm 0.2\%$. (bpm = Beats per Minute).
- Complex width:** 600 ms at 60 bpm and 435 ms at 130 bpm.
- Output impedance:** Maximum 4000 Ω between any terminals.
- Signal Offset:** 0.2 mV maximum, for isoelectric line.
- Connection:** Three outputs with two types of connectors: 4 mm female Banana and Snap-On stud, 20 mm spacing. IEC colours code (or "European") for Lead I.
- Light indicators:** Green LED flashing on each QRS. Red LED flashing on "Low Battery"
- Power supply:** 9 V battery type PP3 or 6LR61. Inverted polarity protected.
- Consumption:** 450 μ A (integrated), at 60 bpm.
- Operating temp:** From -10° C to 50° C.
- Size:** Maximum dimensions: 91 x 64 x 26 mm.
- Weight:** 65 grams without battery; approximately 110 grams with battery.
- Accessories:** Includes carrying bag, User's Manual and battery.
- Warranty:** Two years.

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