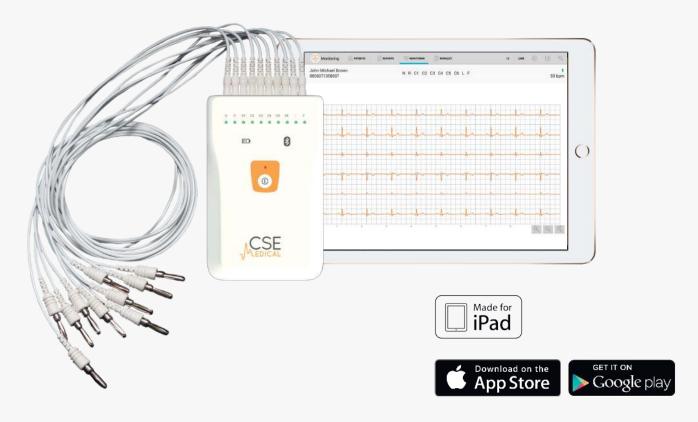


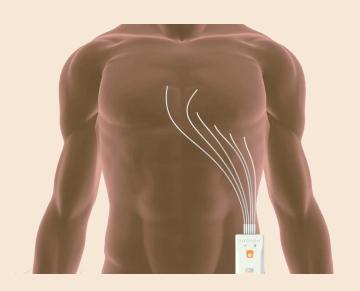
FCG-FXPFRT tm



Our ECG-Expert is a multiplatform ECG system that allows you to interpretate into a simple and affordable device a monitoring, holter and diagnostics ECG.

ECG-Expert interprets with cardiology worklists through a DICOM interface letting your institution protect its investments in EHR / MIS. Our Clinical excellence comes from our long-term collaboration with the Cardiology service at Hospiral Clínic in Barcelona.

- Our ECG platform integrates with your Electronic Health Record Infrastructure and off-the-shelf displays to provide diagnosis ECG, Holter and monitoring applications at an affordable price.
- ECG Expert has a sleek and ergonomic design, which improves usability, convenience and comfort.
- ECG Expert is CE Marked and ISO 13485/9001 compliant.



PERFORMANCE

Processing _

ECG Interpretation Medical CSE proprietary ECG analysis program for adults and pediatrics

Computerized measurements 12-lead analysis

ECG analysis frequency 500 samples/second (sps)

Digital sampling rate 8.000 samples/second/channel

ECG on-screen preview Non applicable (Real-time view)

Acquisition mode Real-time acquisition

Dynamic range 416 mV
Input common mode +/- 100 mV
Resolution 24 bits/channel

Frequency response -3dB @ 0,02 Hz to 150 Hz Low cut-off frequency 0,02 HZ (-3 dB Limit)

High cut-off frequency Configurable to 40 Hz or 150 Hz

Adaptive AC filter 47 Hz to 53 Hz for European line, 57 Hz to 63 Hz for American line

CMRR > 105 dB

Input impedance $> 100 M\Omega$ and defibrillator protected

Patient leakage < 10µA Hear rate accuracy 3 bpm Start-up time 3 seconds

Patient Information _

Supported patient information Name, patient ID, birth date, gender and medical notes

Temperature _

Operating temperature 5 °C to 40 °C Storage temperature -20 °C to 60 °C

Humidity _

Operating humidity 5% to 95% non-condensing

Altitude _

Operating altitude max 3.000 meters

Physical Characteristics _

Dimensions 72 x 115 x 14 mm

Weight 95 grs



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