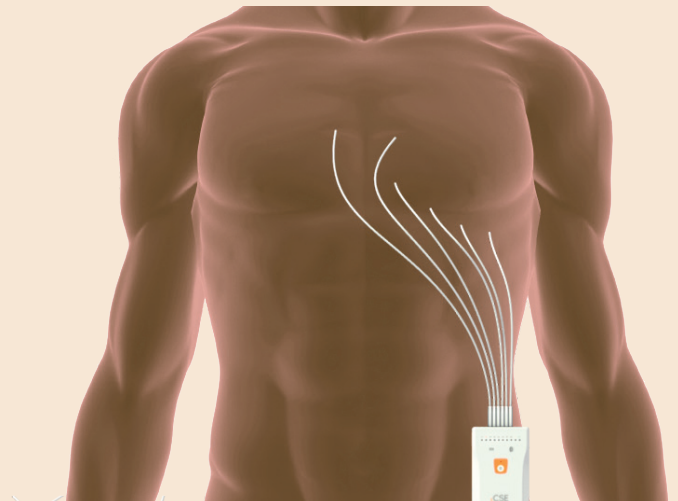


Our ECG-Expert is a multiplatform ECG system that allows you to interpretate into a simple and affordable device a monitoring, holter and diagnostics ECG.

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 Ω and defibrillator protected
Patient leakage	< 10 μ A
Hear rate accuracy	3 bpm
Start-up time	3 seconds

Patient Information

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

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

Humidity

Operating humidity	5% to 95% non-condensing
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Altitude

Operating altitude	max 3.000 meters
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Physical Characteristics

Dimensions	72 x 115 x 14 mm
Weight	95 grs



Ask for a quote at sales@medicalcse.com

If you want to become our distributor please contact us at sales@medicalcse.com

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