



## The first ECG-device of a new generation



**c-one**  
NEXT GENERATION ECG

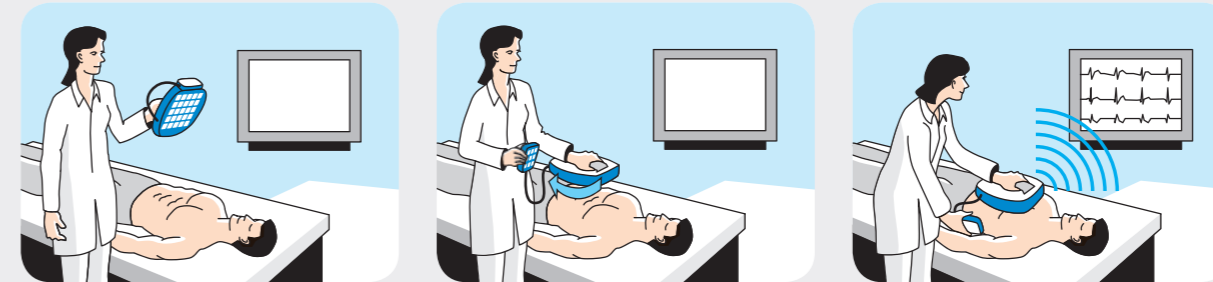
- ECG-recording without direct skin-contact and without disturbing patient cables
- All electrodes in one housing which is simply placed on the patient's chest
- HD-ECG: 29 simultaneous measuring channels lead to a high spatial resolution

### Benefits of the c-one

- No adhesive or vacuum electrodes needed
- Time savings because of an ECG-recording in less than 30 seconds
- No patient cabling and wireless data transfer to a PC
- More diagnostic information due to high number of electrodes and flexible positioning of the additional measuring unit
- No poorly attached electrodes anymore in case of hairy chests or sweaty patients
- Cost reduction due to abolition of disposables
- Lightweight and handy device for mobile use
- Easy and fast to clean

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## It has never been that easy



To record the ECG no preparation of the patient is necessary. The capacitive ECG-device simply has to be placed on the patient's chest and the additional measuring unit has to be positioned analogue to V6. The electrodes integrated in this mobile unit allow in addition the measurement of far-field leads.

The registration mode of the ECG-software will be controlled by a user-friendly single button handling. The user can start or stop the ECG-measuring while the results are saved automatically.

For further information  
+49 531 42879480  
[info@capical.de](mailto:info@capical.de)

Capical GmbH  
Rebenring 33  
38106 Braunschweig  
Germany

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Size and Weight	250 x 220 x 100 mm, 1,2 Kg
Software	PC-Software (Windows 8, 7, Vista, XP SP3)
Electric Power Supply	Power supply unit: 220 – 240 V (50 Hz) Maximal consumption 9,6 VA Off-grid power supply because of an integrated accumulator
Battery	Lithium ion accumulator 7,2 V 8 hours operating, 30 hours standby Product life: 2 years Charging time: 90 % ca. 2 hours, 100 % ca. 3 hours
Automatic switch-off	10 minutes after last use
Filter	Analogue: bandpass 0,05 Hz-150 Hz Digital: notch-filter 50 Hz, bandpass adjustable
Interface	Bluetooth® 2.1* KIS: HL7, DICOM (with optional plug-in)
Surrounding Conditions	Operating temperature: 10 – 40 °C Storage temperature: 0 – 50 °C Humidity: 30 – 90 % (not condensed) Airpressure (operation): 700 – 1050 hPa
Display	Leads (6 simultan), array, channel data
Electrodes	29 capacitive electrodes (isolated from the patient)
Printer	Print as PDF or by printer 5/10 mm/s 5/10/20 mm/mV
ECG-amplifier	Sampling rate: 500 Hz Measuring range: 0,05 – 150 Hz Resolution: 16 Bit Exactness: <1 µV LSB
Safety Standards	IEC/EN 60601-1 IEC/EN 60601-2-25 (when applicable)
Safety Class System	II according to IEC/EN 60601-1 (device with internal power supply), BF
Classification	Class IIa as per RL93/42/EEC
Guard	IP 20

\*Bluetooth is a registered trademark of Bluetooth SIG.

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