



Decapus III

Effective and hygienic system
for vacuum ECG



CARDIOLEX

EASY TO USE ECG

Decapus III

(Catalogue no: QN D3-1-B-1-D-E-F-G-H-I-J)

Decapus III is a vacuum ECG system designed to be hygienic, easy to use and time-saving. The system has all the advantages normally associated with vacuum ECG, but lacks the disadvantages.

BENEFITS WITH DECAPUS III



**FAST
STARTUP**



**EASY TO
USE**



**MOBILE
FREEDOM**



**HYGIENIC
SOLUTION**



**SAVE TIME
AND MONEY**



**CLEAR ECG
TRACE**



**LARGEST IN
SWEDEN**



NEW

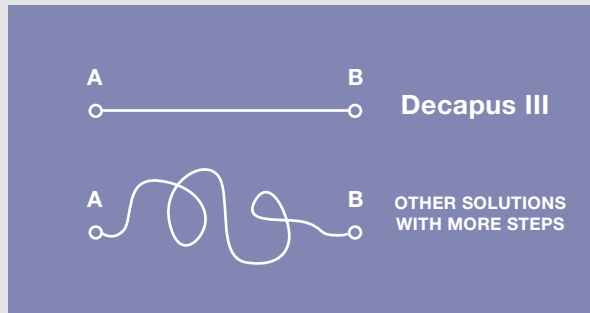
QuickOne single patient use electrodes.

Maintain the benefits of the vacuum ECG and simply change the electrodes between each patient.



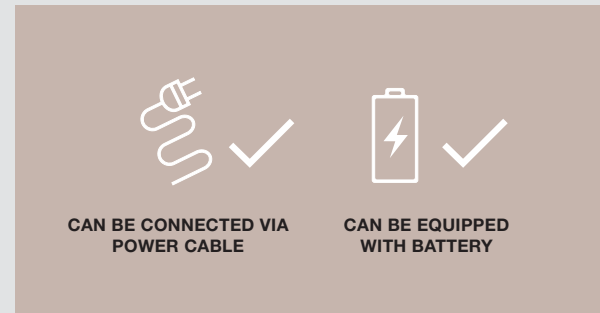
ALWAYS READY

Decapus III is always ready for use at short notice. Without waiting time, the system can run, perform effective surveys and save time. Choose the Quickels' filter electrode to perform the measurements. Or, QuickOne, one of the first single patient use electrodes for vacuum ECG on the market, making the Decapus III system is even more user-friendly and time-efficient.



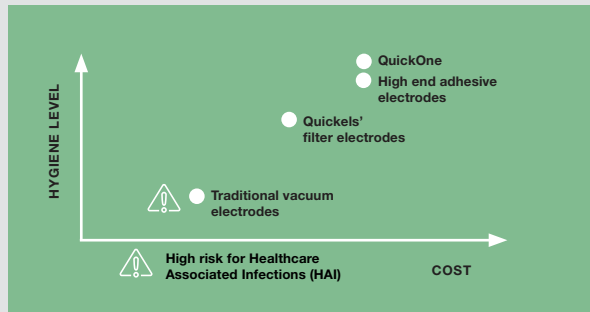
EASY TO USE

Decapus III is developed with a focus on ease of use and efficiency. The usage is simple with an interactive control panel with four vacuum levels, ergonomic design and electrodes which are easy to apply and remove. No preparation is required for attaching the electrodes and they attach to both hairy and uneven skin. The disposable electrodes for vacuum ECG are always ready and no sterilization is required.



MOBILE FREEDOM

The Decapus III can be equipped with a Li-Ion battery, which makes the system completely mobile and allows full freedom for the operator. The reinforced, easy exchangeable, patient cables with high tensile strength ensure good signal quality over long periods of time and for demanding use, such as at exercise examinations and emergency wards. The system is also defibrillator protected.



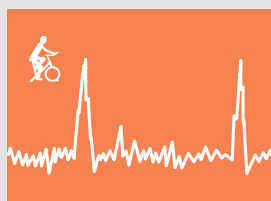
HYGIENIC

Decapus III is a hygienic system. The electrodes provide a high hygienic factor, comparable to adhesive electrodes, and are easy to replace. Choose QuickOne (QN D500), our new single patient use vacuum ECG electrode, or the Quickels' filter electrode (QN 500), our semi-reuseable filter electrode (10 times).



SAVE TIME AND MONEY

Decapus III is designed to save time and money. Partly by making it easy and efficient for the operator to take ECG, partly by simplifying maintenance for the service department. Checking and troubleshooting can be done via computer on-site, printable PDF reports are generated and parts which wear out are easy to replace.



RELIABLE RESULT

The mechanical design of our electrodes keeps the contact between electrode and skin stable and produces few motion artifacts. This results in a clear ECG trace even if the patient moves, as during an exercise test. Therefore is, Decapus III, together with our electrodes, a good choice for a successful ECG.



LARGEST IN SWEDEN ON VACUUM ECG

Decapus III is a safe and well-proven solution. We are the largest in Sweden regarding vacuum ECG systems and exists in 2/3 of the hospitals in Sweden. This means that the system has about 10 000 users just in Sweden.



CARDIOLEX

EASY TO USE ECG

Cardiolex Medical AB is a company group, that includes the Cardiolex' and Quickels' brands, which together develops and markets easy to use systems for ECG. Our vacuum system exist on 2/3 of Swedish hospitals, which means that the system has over 10 000 users just in Sweden. We offer the complete solution within ECG, from the systems receiving the ECG signal from the patient to the ECG management systems, storing and managing generated data. Our products work for a wide range of users, from University hospitals to small clinics. Our focus is on creating ECG solutions that are user-friendly, reliable and secure. Read more about our products on www.cardiolex.com.

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TECHNICAL DATA FOR DECAPUS III

GENERAL	Safety	MDD Classification Class IIa IEC 60 601-1 class I, type CF, with defibrillation protection.
ENVIRONMENTAL REQUIREMENTS	Ambient temperature Relative humidity Air pressure	In operation: +10 to + 40°C. In storage -10 to +40°C 25-95%, no condensation 700-1060 mbar
PUMP MODULE	Power consumption Negative pressure Airflow Measurement Weight	Max 35 W 0-600 mbar 7.5 litres/min at the patient end H 100 mm, L 240 mm, W 180 mm 1.1 kg
PATIENT MODULE	Defibrillation protection Rapid negative pressure selection Measurement Weight	10 kOhm with surge protection 140 V 120, 200, 240, 280 mbar H 30 mm, L 110 mm, W 135 mm 1.1 kg
POWER SUPPLY	Model Mains voltage and frequency Current rating AC input Classification	XP Power Model: AFM 45US15 100-240 V, 50 or 60 Hz Max 1.1 A IEC-320-C14 Class I, according to IEC 60 601-1
CABLES	Printer cable Control cable Vacuum hose	2.7 m, DA-15 plug/socket 2.8 m, DE-9 plug/socket 2.8 m
PATIENT CABLE	Length Tensile resistance	Extremities: 1.2 m. Chest: 1.0 m Minimum 50 N
ELECTRODES (QN 500 & QN D500)	Material	The electrodes meet the biocompatibility requirements and consists of an electrode body manufactured in a Latex-free thermoplastic elastomer, a superabsorbent filter and an Ag/AgCl coated electrode sensor fulfilling ANSI/AAMI recommendations.
BATTERY	Battery pack (option) Manufacturer Lifetime Charging	Rechargeable Li-ion-battery 10.95 V, capacity 2750 mAh Cardiolex Medical AB, Catalogue number: QN D103 Approx 400 charging cycles Charging time approx 2 hours
SIGNAL IN/OUT PUMP MODULE	Control cable input USB input DC input	DE-9 socket/plug USB B socket/plug DC plug
STAND	Length of folding arm Table fixation	570/650 mm Clamp measurement 10-130 mm
SERVICE APPLICATION	Software	Compatible with Windows XP, 7 and 8.

