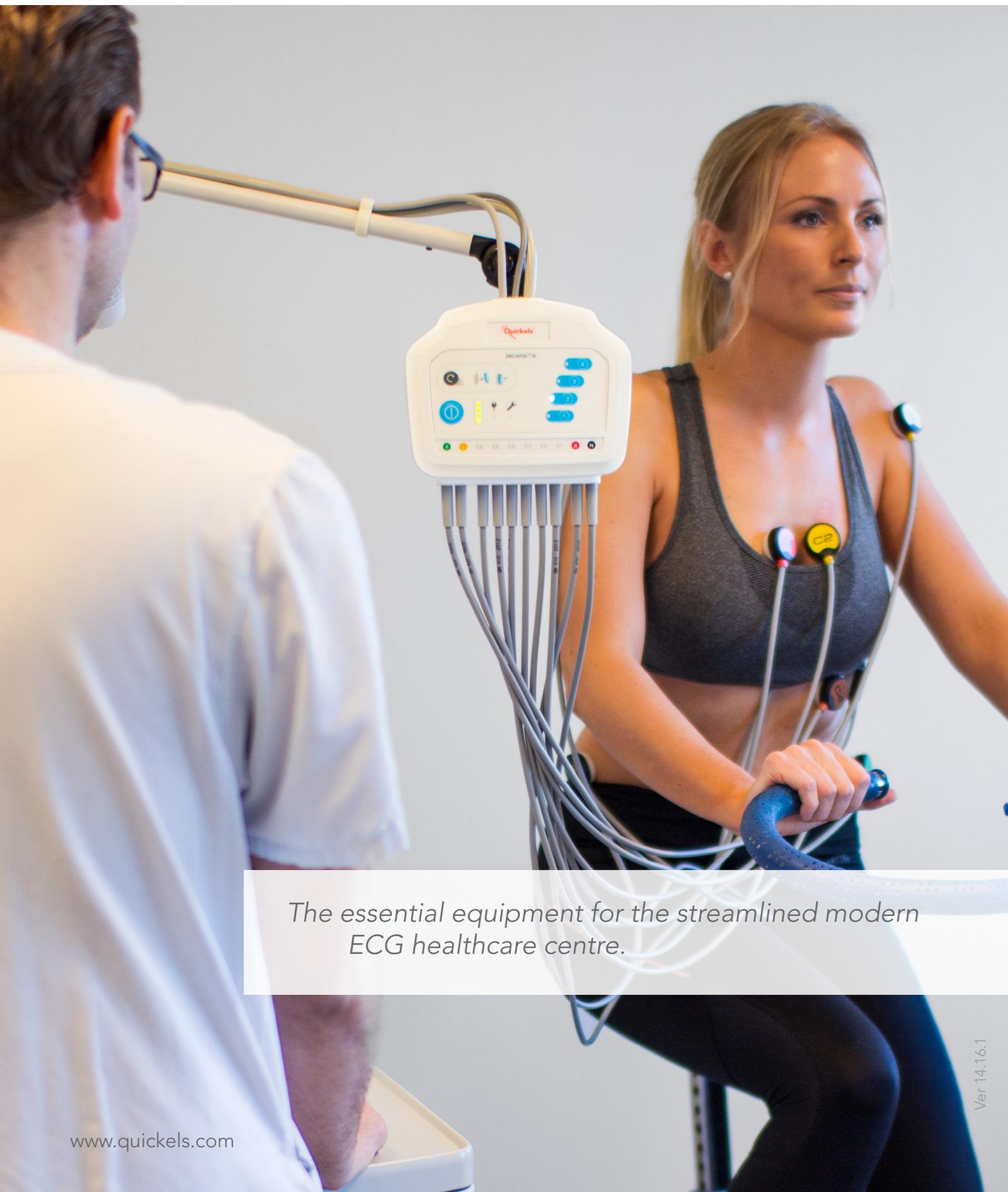


DECAPUS[®] III

The advantageous ECG-vacuum system



The essential equipment for the streamlined modern ECG healthcare centre.

THE ADVANTAGEOUS VACUUM ECG SYSTEM

Decapus® III is hygienic, easy to use and time saving. The system has all the advantages that are normally associated with vacuum application, but lacks the disadvantages.

The new Decapus® III is designed to provide an easy to use vacuum ECG-system, with a **rapid 4- level vacuum setting**, simplifying adaption to skin type and examination mode.

COST EFFICIENCY

The Decapus® III system is designed to save time and reduce cost for clinics by:

1) Streamlining the ECG- procedure for hospital staff. The **interactive control panel** and **ergonomic system design** makes ECG- measurements more efficient for the operator.

2) Rationalize the maintenance procedure for the service department. The **computerized service and preventive maintenance practice**, featuring a pdf- printable report, simplifies the workflow for service technicians. The new procedure for service and **easy exchange of the robust patient cables** makes it even better than before.

HIGH POWER RECHARGEABLE LITHIUM-ION BATTERY

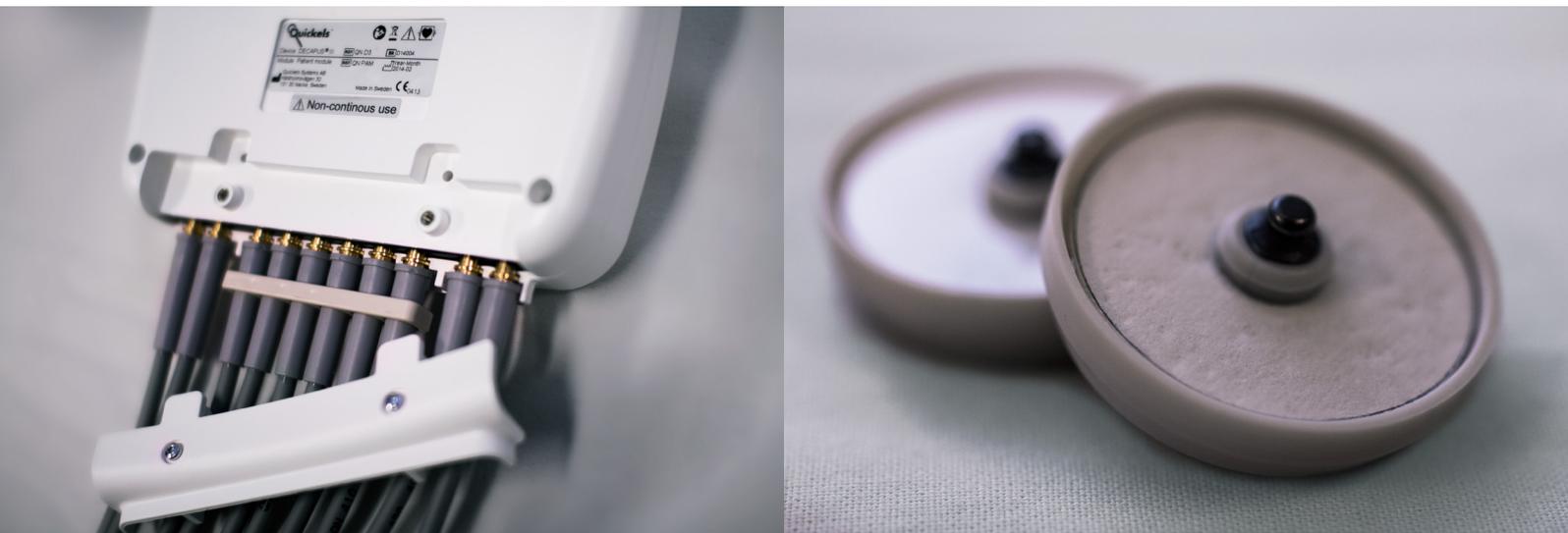
Decapus® III can be equipped with a Li-Ion battery which makes it completely mobile, offering absolute freedom for the operator. The reinforced, easy exchangeable, patient cables with high tensile strength ensure good signal quality over long periods. The system is defibrillation protected.



EASY REPLACEABLE HYGIENIC QUICKELS ELECTRODES

The patented Quickels electrodes efficiently adhere to the patient, are **easy to exchange** and sustain a **high hygienic factor** equal to adhesive electrodes. It is made of non- allergic material and the electrode itself is an Ag/AgCl sensor, fulfilling recommendations of AAMI. These features make the use of Decapus® III comparable to the use of adhesive electrode systems.

The mechanical design of the Quickels electrode preserves the skin/electrode interface extremely stable and creates less motion artifacts, resulting in a **clear ECG trace**, which is not possible by the use of conventional adhesive electrodes. This make Decapus® III with Quickels electrodes the best choice for a successful ECG, especially during ECG stress- testing.



Indicator for electrode change (after 10 measurements).
Button for acknowledgement of replacement.



On/off button to shut off the vacuum pump and to loosen electrodes after measurement.



4 buttons for setting desired negative pressure.



Battery operation and charging status indicator.



Mains power indicator.

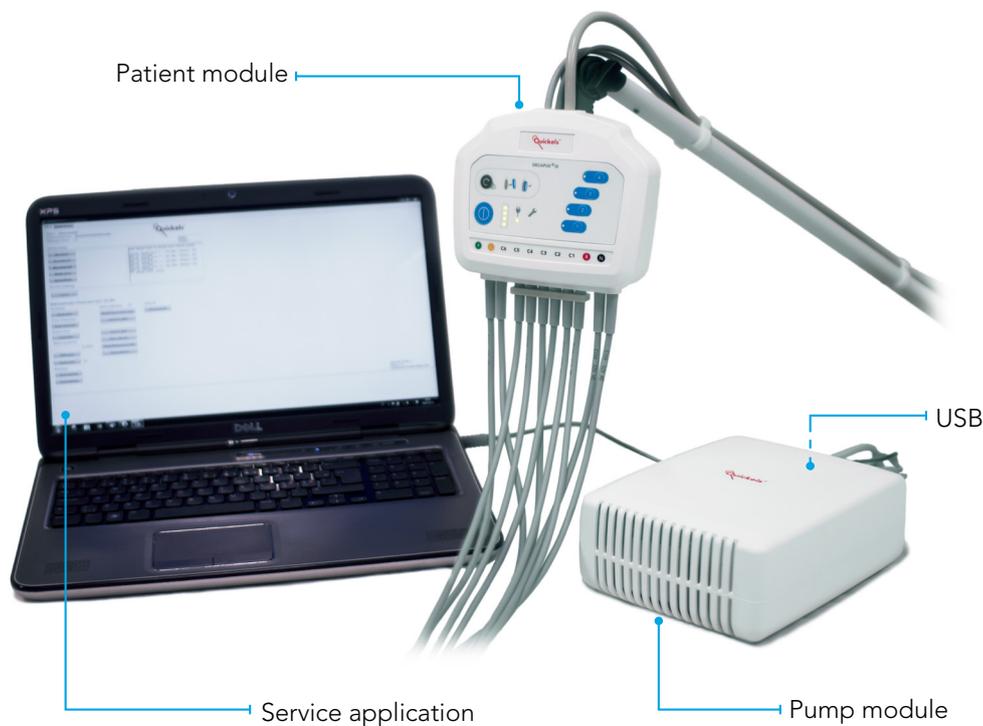


Service needed indicator. Contact authorised service technician.



Marking panel for leads.





Technical data

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 0-10 litre/min 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, 160, 200, 260 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
QUICKELS ELECTRODE	Material	Ag/AgCl sensor, fulfils recommendations of AAMI. Biocompatibility and toxicology studies in accordance with biocompatibility: In vitro cytotoxicity ISO 10993-5, Skin irritation ISO 10993-10 and Allergy ISO 10993-10.
BATTERY	Battery pack (option) Manufacturer Lifetime Charging	Rechargeable Li-ion-battery 11.1 V, capacity 2.6 Ah Quickels Systems AB, Catalogue number: QN D103 Approx 1,000 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

Changes may occur without prior notice.