

ECG vacuum

# *handy vaq*

The compact all-in-one solution

INNO-  
VATION



10  
polig

Device 1:1

**mbnet**  
engineering

excellent  
price-  
performance  
ratio

Stationary or  
mobile use

Simple to operate  
and clean

Compact and easy  
to service

Very good dissipation  
quality

*handy vaq* is impressive in practical tests:



*Great suction power, also with  
hirsute people. Very good ECG  
quality, easy to operate, quiet.  
An all-round impressive  
device!"*

**The small, powerful, ECG suction unit**

Although it's very compact, **handy vaq** provides a convincing range of functions. The handy-sized suction unit is easy and convenient to operate using only three keys with five settings for the suction power.

Various fastenings provide the **handy vaq** with a broad range of applications. The entire **handy vaq** unit is easy to clean with the blow-out function.

# handy vaq

Easy to use. Small. Powerful.

The **handy vaq** is probably the smallest ECG suction device on the market. The quiet, high-performance and maintenance-free pump is integrated directly into the compact control housing. The light device can be held securely in one hand owing to the side anti-slip inserts.

Reduced to just a few components, **handy vaq** is particularly easy to service. If necessary, the sturdy plug-in components can be exchanged quickly and inexpensively. **handy vaq** is the user-friendly, flexible all-in-one solution that will facilitate your work and you will be impressed by its excellent price-performance ratio.

## The powerful features of the **handy vaq** are impressive



**Compact all-in-one solution**  
**handy vaq** is only palm-sized. The powerful, but quiet pump is integrated in the compact, anti-slip housing.



**Very simple to operate**  
The device is operated by using only three keys. LED displays the status. The vacuum power can be adjusted in five settings.



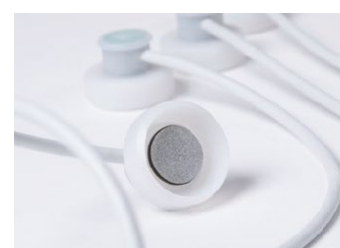
**Excellent signal quality**  
**handy vaq** has very good signal quality for 10 leads.



**Simply hygienic**  
There is a blow-out function on the **handy vaq** to blow out moisture and impurities.



**Universal use**  
**handy vaq** can be used flexibly.



**Electrode cables**  
The cable assemblies have silver/silver chloride electrodes with soft silicon suction domes.



**Easy to service**  
A few maintenance-free components with plug connections permit easy and therefore low-cost servicing. The patient cables can be replaced individually.



**Comprehensive user guide**  
A comprehensive user guide with operating instructions, safety information and practical tips is supplied with the **handy vaq** suction unit.

## Technical data



### handy vaq module

Dimensions	78 × 117 × 27 mm (without cables)
Weight	950 g, with cable assembly
Power supply	GlobTek GTM96180-1507-2.0-T3 power supply adapter (100-240 VAC, 15W)
Environmental conditions	
Ambient temperature	10 – 40 °C
Relative humidity	30 – 75 % (not condensing)
Air pressure	700 – 1,050 mbar
Vacuum settings	5 partial vacuum settings
Volume	max. flow 2.6 l/min
ECG connection	15-pol. D-Sub, 2 m long

### Patient cables

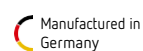
Chest 6 pieces	1.1 m (length of cable assembly)
Extremities 4 pieces	1.3 m (length of cable assembly)
Electrodes	Ag/AgCl, cup material silicone

### Safety standards

Safety standard	IEC/EN 60601-1
EMC	IEC/EN 60601-1-2
Classification	Class I in accordance with Regulation 2017/745/EU
Protection	This device is not designed for outdoor use (IPX0)

### Scope of delivery

Standard	Suction/control unit, 2 m connection cable (USB/15-pol D-Sub), 10-lead patient cable (standard length 1.1-1.3 m), power supply adapter, cable spacer, removal tool
----------	--



Pat. No. 2736408

**mbnet**  
engineering

**mbnet Engineering GmbH**  
Kirschauer Str. 37a  
02681 Callenberg  
Germany  
Phone +49 35 92 34 83 0  
verkauf@mbnet.de  
www.mbnet.de