

ECG vacuum

# handy vaq

The compact all-in-one solution

INNO-  
VATION

10  
lead

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 functi-  
ons. 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 applica-  
tions. 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 ranging from 100 to 250 mbar.



**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

<b>Dimensions</b>	78 × 117 × 27 mm (without cables)
<b>Weight</b>	950 g, with cable assembly
<b>Power supply</b>	GlobTek GTM96180-1807-2.0-T3 power supply adapter (100-240 VAC, 18W)
<b>Environmental conditions</b>	
Ambient temperature	10 – 50 °C
Relative humidity	30 – 75 % (not condensing)
<b>Air pressure</b>	700 – 1,050 mbar
<b>Partial vacuum</b>	max. 250 mbar
<b>5 partial vacuum settings</b>	100, 130, 170, 210, 250 mbar
<b>Volume</b>	2.6 l/min
<b>ECG connection</b>	15-pol. D-Sub, 2 m long

### Patient cables

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

### Safety standards

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

### Scope of delivery

<b>Standard</b>	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
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Pat. pending



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