



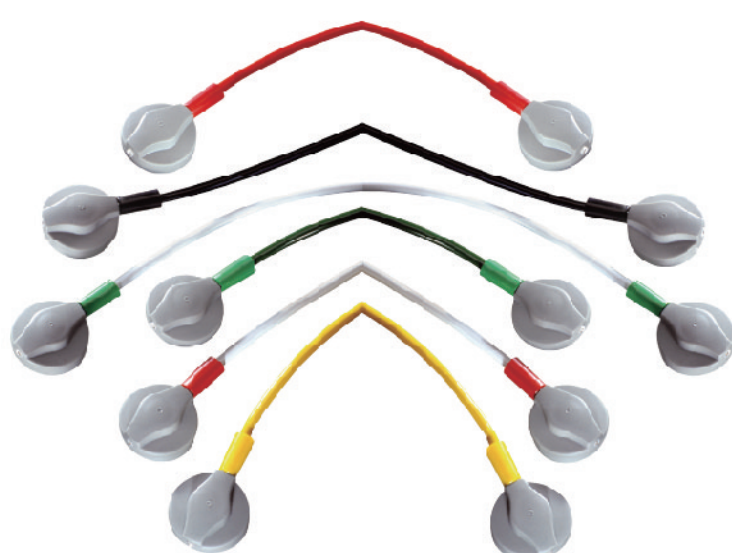
Vacuum ECG Collect System

After continuous developing and perfecting, the vacuum ECG collect system has been proved to have great stability and reliability. It is easy to apply the suction electrode and can provide stable ECG signal even during exercise test. Applicard® is the only vacuum ECG system in the world. And the hygiene problems caused by traditional systems can be avoided.

This product has passed European Union medical device safety certification. Its defibrillation protection device can protect both this product and other products during defibrillation.

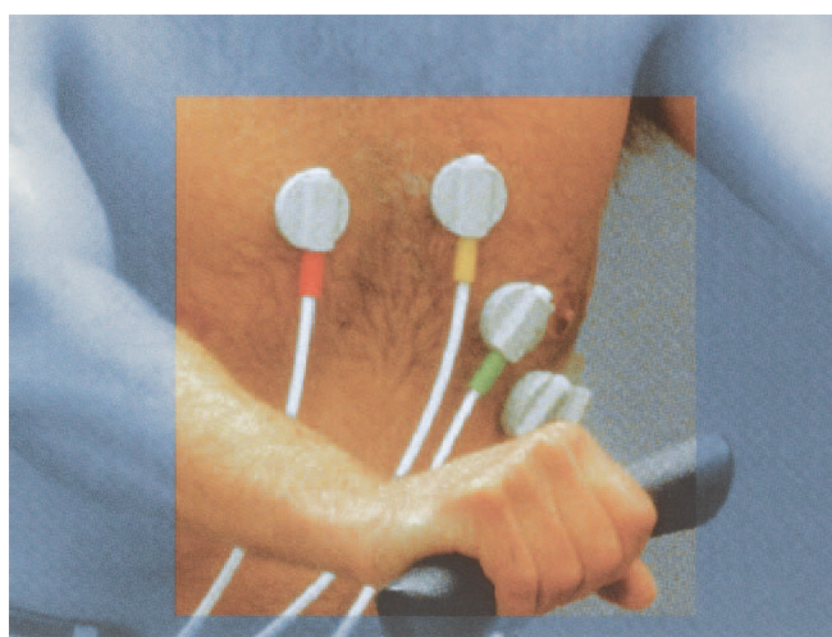


Application



Other similar products using absorption pumps can not fulfill the rising needs and hygiene requirements of hospitals.

At the beginning of the R&D of Applicard system, our R&D team has taken these factors into consideration. This system can prevent water, sweat, skin detritus, hair and other foreign objects from being sucked into the electrode tube or the equipment. Therefore it prevents the equipment from being damaged by these objects, and the expensive single-use filter becomes obsolete.



1. Rotary allocation controller can calibrate the position of the electrodes to the optimum condition.
2. The force of suction can be adjusted via manual adjuster according to patients' skin type.
3. All-new designed electrode can absorb firmly onto the surface of hairy skin and even in motion the electrical potential is stable.
4. The electrode can be easily taken off by blocking the exhaust hole, in order to adjust its position. When the power to the system is cut off, the electrodes absorbing onto the skin will fall off automatically.

Specification:

Principle of operation: vacuum
Vacuum pressure: 90 – 250 mbar adjustable
Electrode material: Ag/AgCl
Electrode carrier: anti-corrosion material
Electrode contact point: Ag
Exterior material: synthetic material
Wire length: standard length (customized length available)

ECG connection:

Connector: DSUB-15 lockable
Connecting line: compatible with various models of high-end ECG machine and exercise ECG (customizable)

Swinging arm specification:

Material: alloy
Surface preparation: chemical treatment
Color: customizable
Rotation range: horizontal 360° / vertical -20°~ +25°
Extension range: 75 cm

Other specification:

Safety: comply with EN60601 – 1, Set box with defibrillation, air pressure conditioning function
Size: 75cm long x 28cm wide x 168cm tall (standard edition)
Weight: 18.5kg (standard edition)
Power supply: 230 V 50 Hz / 40 VA / 2 x 0.5 A with safety function, comply with European Union EN60601 – 1 safety standard