

Product Data

Product Name: ECG Gel

Size: 250ML, 5L

General Description

This product is neutral and gel. It have good electrical conductivity and stability, and have no stimulant to skin, On the skin easy to launch and clean.

This Contact Paste for ECG

Intended Use

Used for EEG, ECG, EMG and other nerve monitoring or diagnosis process, placed on the electrode or filled, coated between the skin and the electrode, so as to form a relatively stable conductive connection between the electrode and the skin.

Characteristics:

- a) Contact electricity the characteristic: $1.0 \times 10^4 \mu\text{S}/\text{cm}$
- b) Viscosity : $\geq 15 \text{ Pa}\cdot\text{s}$
- c) PH Value : 5.5~8.0

Component and Structure

It is water macomolecular paste which is make up of clean water、 carbopol、 potassium hydroxide、 triethanolamine and potassium chloride.

Product Picture



Product Data

Product Name: Ultrasound Gel

Size: 250ml, 1L, 2.5L, 5L

Product Description

Ultrasound transmission gel is a type of conductive medium that is used in ultrasound diagnostic techniques and treatment therapies. It is placed on the patient's skin at the beginning of the ultrasound examination or therapy. The transducer, which is the device used to send and receive sound waves, is then placed on top of it. Ultrasound gel is also used with a fetal Doppler, which can be employed to allow parents and doctors to listen to the heart beat of an unborn child.

Features and Benefits

- Better sound transmission
- Distinctive image display
- No toxic and irritant effect
- No damage and corrosion to the ultrasound probe

Intended Use

In noninvasive diagnostics and treatment, the product is used for filling and spreading between the probe and human skin as media of transmitted acoustic pulse.

Product performance:

No	performance index	unit	Measuring Value
1	Sound Speed (35°C)	m/s	1520-1620
2	specific acoustic impedance(35°C)	Pa·s/m	$1.5 \times 10^6 \sim 1.7 \times 10^6$
3	Acoustic attenuation(35°C)	dB/(cm.MHz)	≤ 0.05
4	viscosity (25°C)	Pa.s	≥ 15 Pa.s
5	PH value	---	5.5-8

Product Picture

