

Universal gel for ultrasound and electrode procedures



Universal gel for ultrasound, electrophysiological procedures and therapy "UltrageL" **does not contain salts**, in contact with ultrasonic sensors, electrodes, without having a negative impact on them.

Gel is used for all ultrasound procedures (e.g. ultrasound diagnostics, echocardiography, etc.) and electrophysiological procedures (ECG, EEG, REG).



Universal gel for ultrasound and electrode procedures

- Does not contain salts
- Does not cause an allergy and irritation
- Does not damage sensors
- Colourless form
- Water soluble
- Will not stain the patient's skin or clothes
- Hypoallergenic
- Cost - effective



"Ultragel" high viscosity

Viscosity: 23-31 PA (Brookfield RVDVII+Pro/SC4-29/30 rpm, shear rate $(7,5 \pm 0,1) \cdot s^{-1}$, at 23 ° C)
which corresponds to the viscosity of 12 – 16 PA•s (Polymer RPE-1M.2, shear rate $(16.8 \pm 0.3) \cdot s^{-1}$, at 23 ° C)
pH: 6,0-8,0

Specific electrical conductivity: 0.4-0.5 Cm/m
Acoustic impedance: $1,54 \cdot 10^5$ g / cm²•s

Shelf life: 3 years

Packing: Gel is produced in bottles of 0.25 kg (transport box 40 bottles), 1 kg (transport box 20 bottles) and cans 5 kg (transport box 4 cans).



"UltrageL" medium viscosity

Viscosity: 18-23 PA (Brookfield RVDVII+Pro/SC4-29/30 rpm, shear rate $(7.5 \pm 0.1) \cdot s^{-1}$, at 23 ° C), which corresponds to the viscosity of 9.5 – 12 PA•s (Polymer RPE-1M.2, shear rate $(16.8 \pm 0.3) \cdot s^{-1}$, at 23 ° C)
pH: 6,0-8,0

Specific electrical conductivity: 0.3-0.4 Cm / m

Acoustic impedance: $1,52 \cdot 10^5 \text{ g / cm}^2 \cdot \text{s}$

Shelf life: 3 years

Packing: Gel is produced in bottles of 0.25 kg (transport box 40 bottles), 1 kg (transport box 20 bottles) and cans 5 kg (transport box 4 cans).



"UltrageL" low viscosity

Viscosity: 9.0-18.0 PA (Brookfield RVDVII+Pro/SC4-29/30 rpm, shear rate $(7.5 \pm 0.1) \cdot s^{-1}$, at $23^\circ C$), which corresponds to the viscosity of 5 – 9.56 PA•s (Polymer RPE-1M.2, shear rate $(16.8 \pm 0.3) \cdot s^{-1}$, at $23^\circ C$)

pH: 6,0-8,0

Specific electrical conductivity: 0.2-0.3 Cm / m

Acoustic impedance: $1,51 \cdot 10^5$ g / cm²•s

Shelf life: 3 years

Packing: Gel is produced in bottles of 0.25 kg (transport box 40 bottles), 1 kg (transport box 20 bottles) and cans 5 kg (transport box 4 cans).

