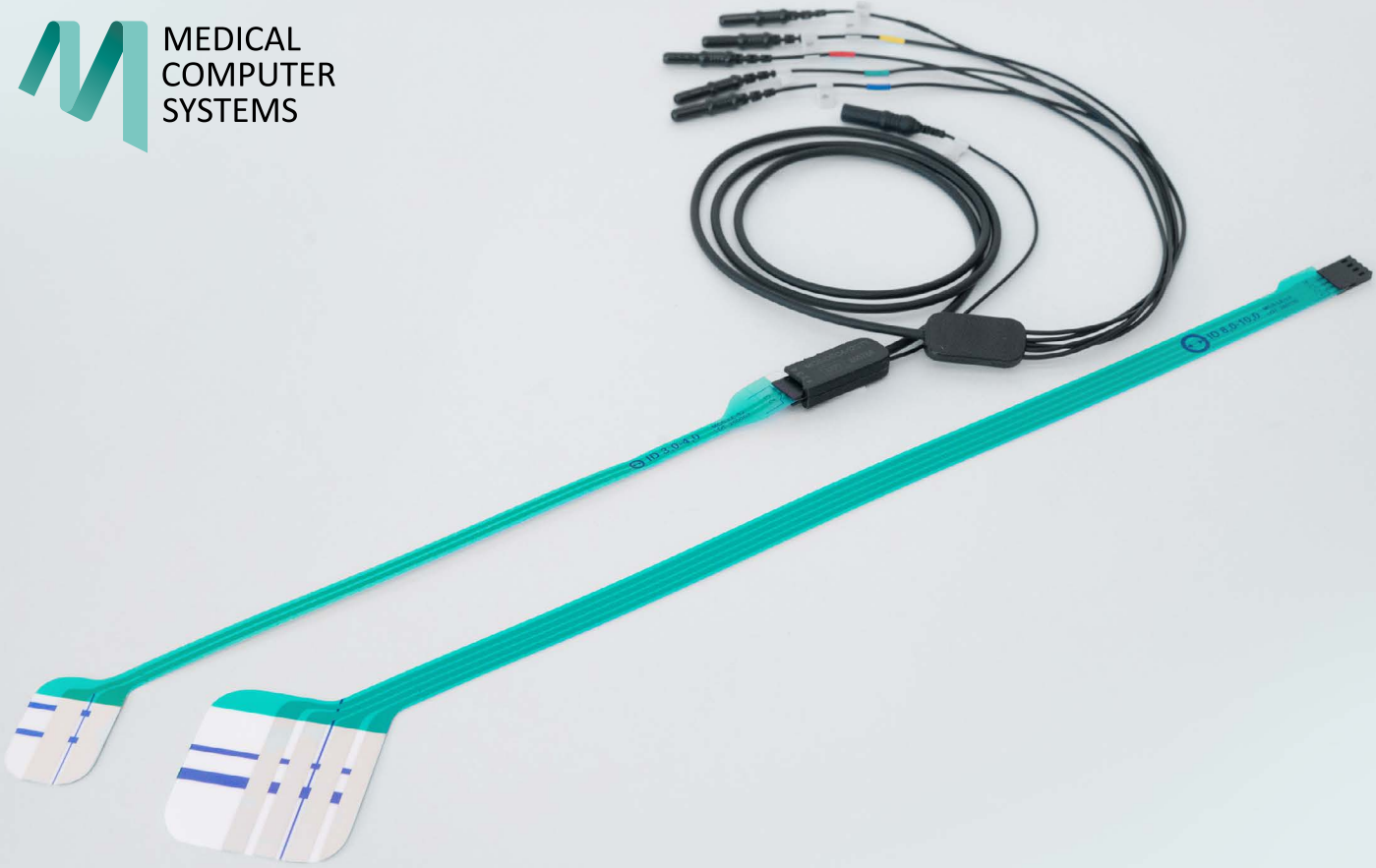
MEDICAL
COMPUTER
SYSTEMS



Disposable laryngeal electrode MCS-LE

Sterile single-use laryngeal electrodes are designed for recording electromyographic (EMG) activity of the laryngeal muscles and vocal cords during surgical procedures.

The electrodes are recommended for use in operations with a high risk of unintentional damage to motor nerves and where visual identification is not possible.

The electrode is placed on an **endotracheal tube** and inserted together with it into the patient's larynx.

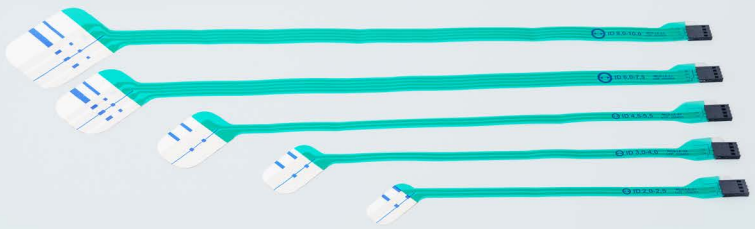
The current-carrying part of the electrode contacts the vocal cords, allowing the recording of the signal passing through the nerves when surgical instruments come into contact with them.

MADE IN RUSSIA



Available configurations

The electrodes are manufactured in five versions, corresponding to different sizes of endotracheal tubes.



Modification	Compatible nominal internal diameter (ID) of the tube	Number of contacts recording the EMG signal	Number of bipolar channels
Disposable laryngeal electrode MCS-LE-S1	2,0; 2,5 mm	2	1
Disposable laryngeal electrode MCS-LE-S2	3,0; 3,5; 4,0 mm	2	1
Disposable laryngeal electrode MCS-LE-S3	4,5; 5,0; 5,5 mm	2	1
Disposable laryngeal electrode MCS-LE-L1	6,0; 6,5; 7,0; 7,5 mm	4	2
Disposable laryngeal electrode MCS-LE-L2	8,0; 8,5; 9,0; 9,5; 10,0 mm	4	2

Lead cables

A dedicated reusable lead cable is used to connect the electrode to the recording device.

The lead cable is available in several models, depending on the connector type and cable length.



Model	Length	Connector Type
Lead Cable MCS-DEC4-120TT	120 см	5 x TouchProof 1.5 mm (DIN 42802-ST)
Lead Cable MCS-DEC4-200TT	200 см	5 x TouchProof 1.5 mm (DIN 42802-ST)
Lead Cable MCS-DEC4-200L0	200 см	Redel male connector, 10-pole, 40°

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