

NCS Electrode (NM-31)

NM-318Y

General

The NM-318Y NCS electrode is a disposable electrode for EMG recording (as a reference and the ground). This electrode can be used together with a hypodermic needle electrode. This electrode can also be used for electric stimulation.

Safety Information

- ⚠ WARNING** A warning alerts the user to the possible injury or death associated with the use or misuse of the instrument.
- ⚠ CAUTION** A caution alerts the user to possible injury or problems with the instrument associated with its use or misuse such as instrument malfunction, instrument failure, damage to the instrument, or damage to other property.

Pay attention to all safety information in the Operator's Manual or Installation Guide.

⚠ WARNING

Never use the electrode in the presence of any flammable anesthetic gas or high concentration oxygen atmosphere. Failure to follow this warning may cause explosion or fire.

⚠ WARNING

Do not use the electrode with the MRI device. Failure to follow this instruction may cause skin burn on the patient.

⚠ WARNING

Before defibrillation, remove everything including electrodes and patches from the patient's chest. If the defibrillator paddle contacts an object on the patient's chest, the discharged energy may be insufficient and cause skin burn.

⚠ WARNING

When the electrode is used with an electrosurgical unit (ESU), refer to the ESU manual. The patient may get skin burn.

⚠ WARNING

This electrode is single use only. Do not reuse it.

⚠ WARNING

Connect the DIN connector only to the specified instrument or electrode junction box. Failure to follow this warning may result in electrical shock to the patient.

⚠ CAUTION

Do not use electrodes which are past the expiration date.

⚠ CAUTION

This electrode is for EMG recording and cannot be used for ECG monitoring.

⚠ CAUTION

Do not attach the electrode on a wound or inflamed skin. Redness or irritation may be appears.

⚠ CAUTION

Do not alter the shape of electrodes. EMG might not be recorded.

⚠ CAUTION

Do not sterilize this electrode. If the electrode is sterilized, correct measurement cannot be performed.

⚠ CAUTION

Do not use this electrode for a neonate or low birth weight infant.

⚠ CAUTION

For the following patients and skin sites, the electrode may cause redness and skin erosion and occasionally result in scar.

- Patients with weak skin (patients with allergy)
- Delicate or weak skin

⚠ CAUTION

Connect the DIN connector to the correct socket on the instrument, electrode junction box or extension cord. Otherwise, correct measurement cannot be performed.

⚠ CAUTION

Do not get liquid on the electrode. If the electrode is wet, it may cause incorrect measurement.

⚠ CAUTION

Take extreme care to prevent the patient from swallowing the electrode. The electrode is chemically harmless to people but the adhesive gel on the NCS electrode is highly expansive. If the electrode is swallowed, the adhesive gel absorbs gastric juice and swells several to several dozen times in size and stays in the stomach. Swelling adhesive gel in stomach will cause the patient to vomit and be unable to eat and drink. After removing the electrode, check there is no adhesive gel left on the patient.

⚠ CAUTION

If the adhesive gel is swallowed, see a physician immediately.

⚠ CAUTION

If a noise appears, refer to the EP/EMG measuring systems operator's manual.

⚠ CAUTION

When using the electrode for stimulation, refer to EP/EMG measuring systems operator's manual.

⚠ CAUTION

When using the electrode for stimulation, redness may appear.

⚠ CAUTION

Use the electrodes as soon as possible after opening the package. Store the rest of the electrodes by folding the top of the package twice and sealing it with tape to prevent the electrodes from drying.

⚠ CAUTION

Black spots may appear on the silver surface of the electrode. These are caused by variation in the Ag and AgCl coating thickness and have no effect on the quality or performance of the electrode.

⚠ CAUTION

When removing the electrode from the patient, remove it carefully and slowly from the edge.

⚠ CAUTION

When using remover to remove adhesive gel from the patient's skin, refer to the remover operator's manual.

⚠ CAUTION

Dispose of Nihon Kohden products according to your local laws and your facility's guidelines for waste disposal. Otherwise, it may affect the environment. If there is a possibility that the product may have been contaminated with infection, dispose of it as medical waste according to your local laws and your facility's guidelines for medical waste. Otherwise, it may cause infection.

This Safety and Performance Information is an extract from the general and safety information sections of the most recent edition of Operator's Manual or Installation Guide. Therefore, the contents of your Operator's Manual or Installation Guide may differ from those of this Safety and Performance Information. For detailed operating procedures, follow the instructions of your Operator's Manual or Installation Guide.



Manufacturer
NIHON KOHDEN CORPORATION
1-31-4 Nishiochiai, Shinjuku-ku,
Tokyo 161-8560, Japan
Phone +81 3-5996-8041
<https://www.nihonkohden.com/>



European Representative
NIHON KOHDEN EUROPE GmbH
Raiffeisenstrasse 10, D-61191 Rosbach, Germany
Phone +49 6003-827-0 Fax +49 6003-827-599