

TECHNICAL CHARACTERISTICS

- Response time: < 60 s
- Working Temperature: 5-50°C
- Connector: Male 1 mm plug or MMCX
- No sensitivity to light or redox species
- Can work placed in all positions.

ADDITIONAL EQUIPMENT

- NT ION METER or an equivalent meter: pH/mV-meter with resolution of 0.1mV.
- Connection cable: (Code: CC_1BNC-SC2).

REAGENTS

- Deionized water
- Condition solution for the reference electrode (lithium acetate 1M or the same solution used for the condition for the ion selective electrode that will be used with).

HANDLING

- **Avoid to do pressure on the connector. Do not twist the electrode body.**
- **Do not allow connector became wet.**
- **Handle the electrode for the upper part/connector, in order to not damage the tip/sensing area.**

USE OF NT MRX11

Before using MRX11, it is recommended to read the instructions of your meter.

Before daily use: condition the MRX11 in the conditioning solution at least for 10 minutes¹ before use.

✓ (1) If the electrode is new, has been prolonged time without use, condition time is recommended to be 8 hours or until stable potential reading is obtained.

✓ The reference electrode can be conditioned also with the target ion of the ion-selective electrode

1. Connect the cable connector to the MRX11 plug.
2. Rinse with DI water and dry the outer body with a clean tissue.
3. Keep clean before the storage.
4. Store with its original parts/ container.
5. It can be stored in the conditioning solution or dry-stored into the supplied container.

➔ Even so, the electrode can be stored in any well sealed small container.

✓ Presence of solid particles in suspension and turbid solutions do not affect to the overall performance of the electrode.

RECOMMENDATIONS

- ✓ Follow the instructions for an optimal preservation of the electrode.
- ✓ Do not leave the electrode exposed to air. The electrode has been designed to work in liquid environments. It has to be stored in a dry container or in its condition solution, but no exposed to air.
- ✓ Keep constant the same conditions of temperature, stirring, both in samples and standards

GUARANTY

Electrodes are guaranteed of any manufacturing defect.

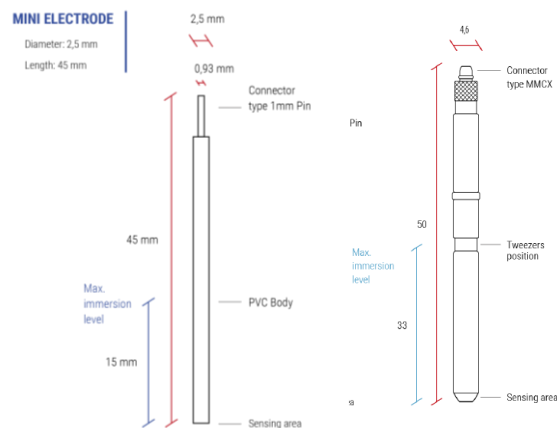
NT Sensors will replace without additional cost the Electrodes which, after being revised by its technical post-service have been considered as "defect from origin".

The Guaranty of the electrodes does not cover the defects caused by:

- inadequate use,
- the usual aging of the electrode,
- the logic premature aging caused by certain samples,
- the damaged caused by accident.

The guaranty is valid through a period of 3 months.

Miniaturized Reference Electrode



MAINTENANCE AND STORAGE

- ✓ The MRX11 does not require maintenance due not contains internal liquid solutions.
- ✓ Place the electrode into the supplied recipient when not use it. Do not leave the sensing area in contact with air/atmosphere for longer time than necessary.
- ✓ Storage at temperatures below 25°C.
- ✓ Storage in a dry, cool place avoiding the direct contact with the sunlight.

NT MRX11



Universal reference electrode



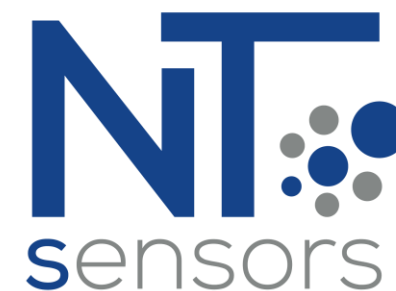
Miniaturized



Minimum volume consumption of reagents
and samples



Does not require any special maintenance



Reference Electrode MRX11

MDRX11

Miniaturized Universal

Reference Electrode

NT Sensors, S.L
C/ Jaume I, nº 23 - 43764
El Catllar, Tarragona (Spain)

Tel. (+34) 977 653 925
info@ntsensors.com
www.ntsensors.com

Technical Assistance:
tech.support@ntsensors.com