

## TECHNICAL CHARACTERISTICS

- Response time: < 60 s
- Working Temperature: 5-50°C
- Connector: Male 1 mm plug .
- 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 minutes<sup>1</sup> 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.

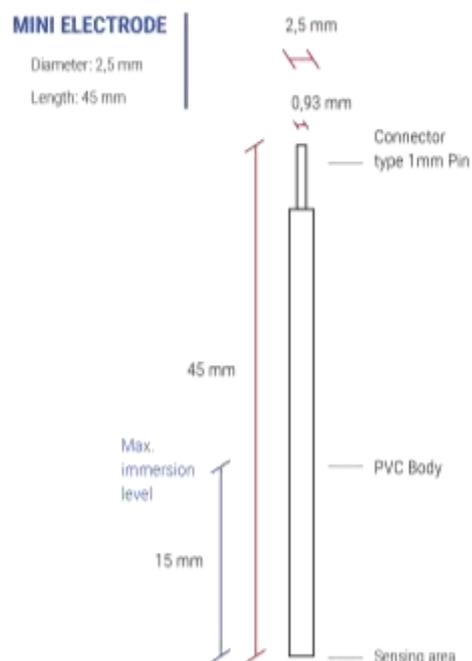
NT Sensors will replace without additional cost the Electrodes which, after being revised by its technical post-service have been considered as "defect from origin".

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



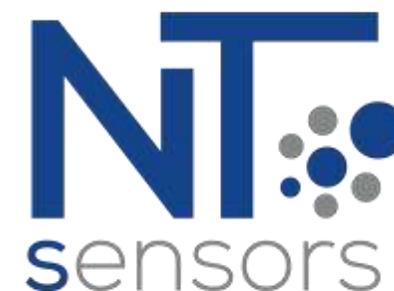
Miniaturized



Minimum volume consumption of reagents and samples



Does not require any special maintenance



## Reference Electrode MRX11

## Miniaturized Universal Reference Electrode

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