

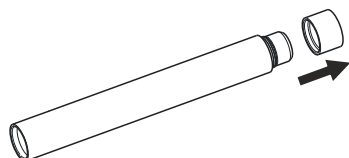
1 Mounting the membrane on the membrane module



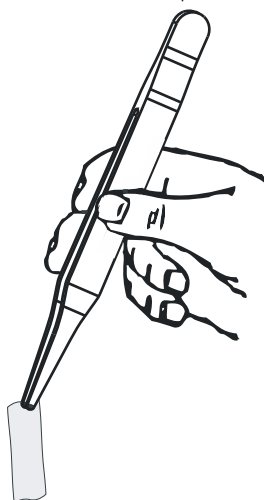
CAUTION

The part of the membrane which lies above the opening of the screw thread may not come into contact with fingers or other objects under any circumstances. The water-repellent effect of the membrane would otherwise be reduced as a result.

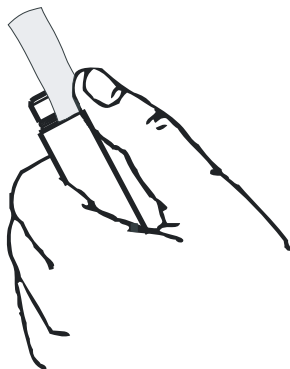
1. Unscrew the cover from the membrane module.



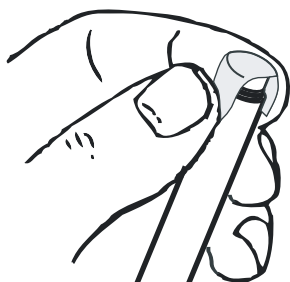
2. Make ready the package with the membranes.
Each membrane is stored between two white paper strips. This prevents the membranes from sticking together.
3. Use the tweezers provided to take out one membrane, holding it on its narrow side.



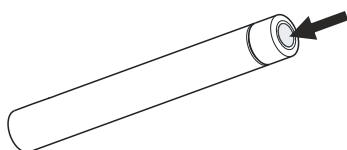
4. Place the membrane on the screw thread of the membrane module and use your thumb to hold it in place.



5. Place the membrane carefully lengthwise over the opening of the screw thread.



6. Pull the membrane slightly at its sides and press it firmly against the screw thread. The membrane must lie taut and wrinkle-free above the opening.
7. Screw the cover on the membrane module over the taut membrane.



8. Check once again to ensure that the visible part of the membrane lies taut and wrinkle-free above the opening.

Preparing the electrode

1. Fill the membrane module with 2 mL of the measuring electrolyte (6.2316.030).
2. Remove the measuring electrode from the storage vessel and rinse with distilled water.
3. Introduce the measuring electrode into the membrane module and screw both parts together.
4. Before initial use, shake the assembled NH_3 -selective electrode several times as you would a fever thermometer in order to remove any air bubbles from the membrane.
5. Before the first measurement, condition the electrode for at least 10 minutes in distilled water.

Storing the electrode

The type of storage depends on the storage duration. Observe the following notes:

Storage between measurements

- Store the electrode in distilled water.

Storage duration between 1 and 5 days

- Store the electrode in measuring electrolyte (6.2316.030).

Storage duration of more than 5 days

1. Unscrew the membrane module.
2. Rinse the membrane module thoroughly with distilled water inside and outside and place it in dry storage.
3. Store the pH glass electrode in saturated KCl (6.2308.000).

Further documents

The manual for the NH₃-selective electrodes can be found at <http://documents.metrohm.com>.