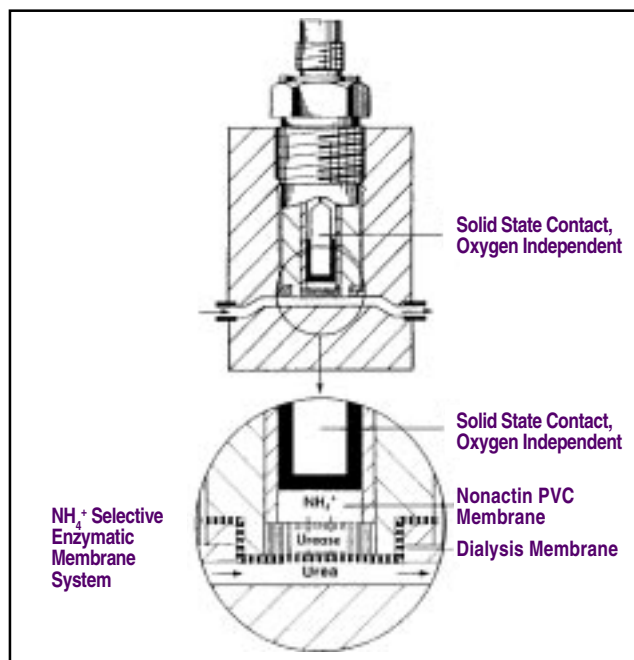
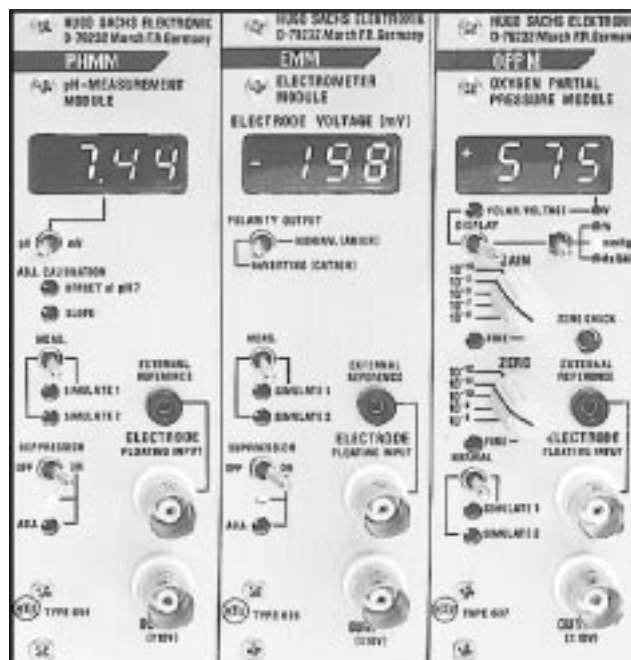


Flow-Through Sensors and Electrodes



Schematic Presentation of the Sensor for Measurement of Urea



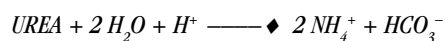
pHMM Module

EMM Module

OPPM Module

Flow-Through Molecular Selective Sensors for NH_4^+

The molecular selective flow-through sensor consists of a NH_4^+ selective sensor with disc carrier PVC membrane. It is combined with replaceable special enzyme-membrane systems. It is for measurements of urea or glutamine. During measurement the following reaction occurs:



This sensor is supplied individually.

- Flow through sensor for NH_4^+ measurements
- Disc carrier PVC membrane
- Replaceable special enzyme-membrane system

| Catalog No. | Product |
|------------------------|---|
| CGS 8672.73 | Flow-Through Molecular Selective Sensor for NH_4^+ |
| CGS 8673.73 | Reference Electrode |

Amplifiers for Use with ZABS Flow Through Electrodes

The various chemical sensors require different amplifiers. The amplifiers have isolated floating inputs to prevent interference between the signals. All modules are plug-in modules for the PLUGSYS measuring system and fit into the same main frame.

The pHMM modules works directly with the pH Sensor with Glass Membrane. It comes with the reference electrode.

The EMM module works with a variety of sensors. All sensors require this reference electrode. The OPPM module also works with a variety of sensors. A reference electrode is not required for these sensors.

- Three amplifiers available:
 - pHMM
 - EMM
 - OPPM
- For use with PLUGSYS measuring system
- Floating input to prevent interferences

| Catalog No. | Product |
|-------------|-----------------------|
| CGS 8674.73 | pHMM Amplifier Module |
| CGS 8675.73 | EMM Amplifier Module |
| CGS 8676.73 | OPPM Amplifier Module |
| CGS 8677.73 | Reference Electrode |