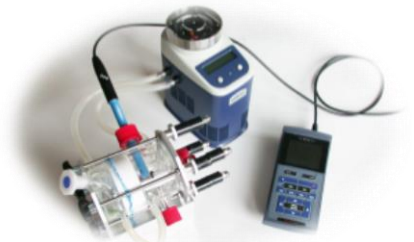


Commissioning

workplace fluid-PermCell NW50-liquid

Step by Step instruction

Determination of chemical permeation of liquid or gaseous test chemicals with a continuous contact to the protective clothing or protective glove material sample and the liquid collection medium deionized water.
EN 16523-1 (for EN 374-3)



The workplace fluid PermCell NW50-liquid consisting of:

- | | |
|------------------|--|
| Art.-Nr.: 777680 | Fluid-PermCell NW50-liquid |
| Art.-Nr.: 777688 | Digital Peltier thermostat PT31. |
| Art.-Nr.: 777685 | Conductivity and pH meter Multi 3410 including sensors TetraCon® 925 and SenTix® 940 |
| Art.-Nr.: 777869 | Elektronic magnetic stirrer, MIX130001 |



Art.-Nr.: 777680



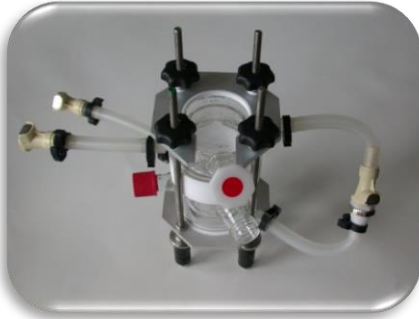
Art.-Nr.: 777688



Art.-Nr.: 777685



Art.-Nr.: 777869



Delivery condition of the Fluid-PermCell NM50-liquid.



Disconnect hose connections via quick coupling.



Loosen all 4 quick connectors.



Remove PTFE sample holder.



Place material sample on the bottom side of the sample holder.



Assemble the upper and lower part of the sample holder.



Put the sample holder into the device.



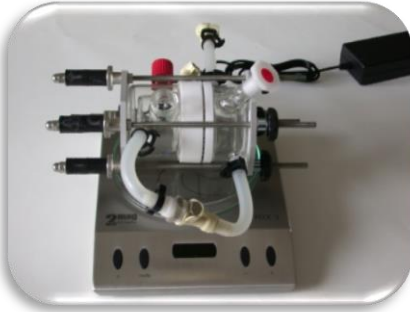
Fit in the upper glass jar and close the hose connection via quick coupling.



Place the aluminum ring plate and tighten all 4 quick connectors diagonally.



Put the magnetic stirring in the test cell.



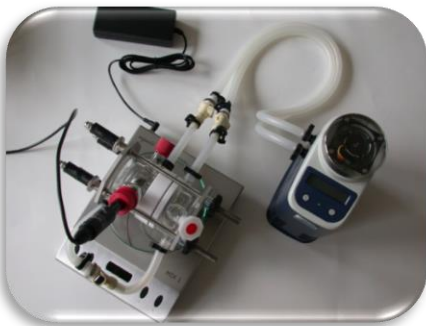
Place the assembled permeation cell in a Petri dish on the magnetic stir plate.



Insert the conductivity or pH sonde.



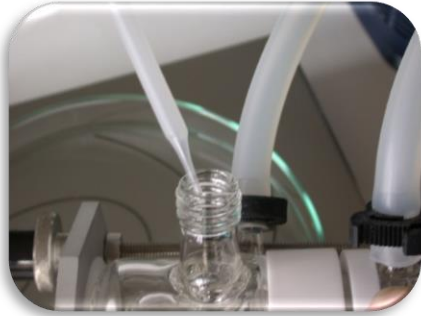
Important! The sensor must not touch the magnetic stirring.



Connect the inlet and outlet of the thermostat.



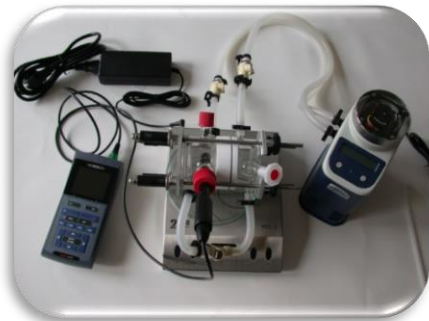
Open thermostat and fill in water in portions until the air is removed from the hose system.



Through GL25-neck fill in the collection medium (deionized water) free of bubbles in the measuring cell.



Through the NS-14 bend fill in the test chemical on the sample. The test chemical must coat the material test entirely.



Connect the 3410 Multi and start up all other devices.