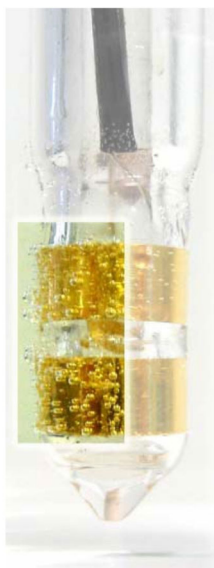


ASP

Patented automatic sensor cleaning

- Add-on for Kuntze disinfectant measurement
- No refill of chemical or physical agents
- Strongly reduced calibration demand
- Without manual cleaning
- www.automatische-sondenreinigung.de



description

The cleaning is carried out electrochemically by electrolysis of water: $H_2O \rightarrow O_2 + H_2$

The electrochemical cleaning acts threefold: the generated gases hydrogen and oxygen blast away even persistent coatings. Oxygen oxidises organic compounds, and hydrogen reduces rust and manganese oxide and likewise destroys organic coatings.

The produced gas volumes are small and unused gas molecules recombine automatically to the water they stem from. The cleaning is activated in the menu of the measuring and control instrument. The starting time of cleaning can be defined by the user. The cleaning cycle lasts approx. 20 seconds. The measuring value is locked for five minutes, in the display, in the output signal, and also for the controller, to give the electrode time to polarize. The cleaning can be set to 0/1/2 times per day. ASP aims at keeping the sensor clean from the beginning. It was not meant to clean already coated sensors, since with those sensors the signals will be higher after cleaning, making a recalibration necessary.



ASR

Patented automatic sensor cleaning

information

The ASR can only be used in combination with our sensors AuAu-600-OO-2-1-PG, PtPt-600-OO-2-1-PG and measuring and control instruments for Free Chlorine, Chlorine Dioxide, Ozone and Peroxide .

order information

| <u>name</u> | <u>description</u> | <u>article number</u> |
|-------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------|
| ASR modul K 100 W | ASR - automatic sensor cleaning - modul for measuring and control instruments K 100 W K 100 W CL2, ClO2, O3 und H2O2 | 50105200K |

