

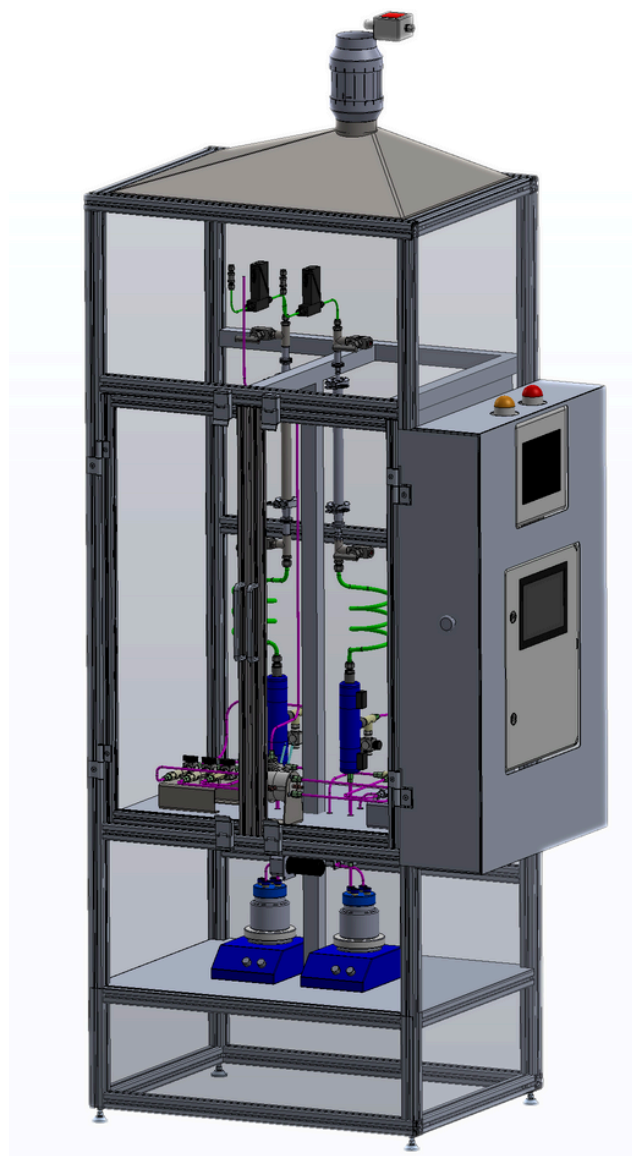
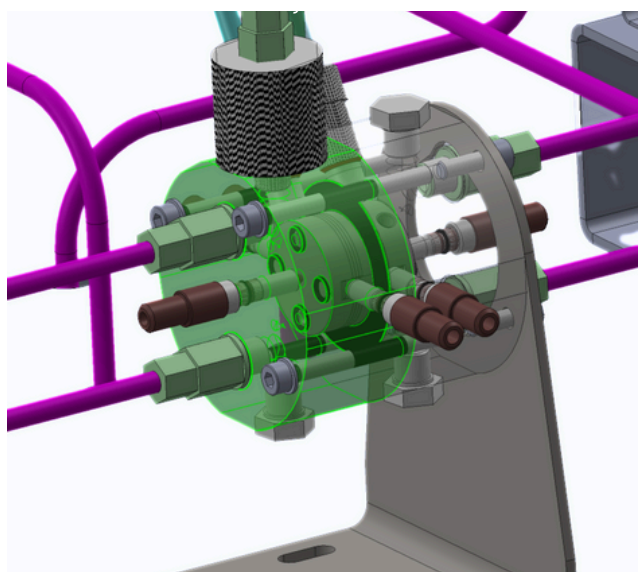
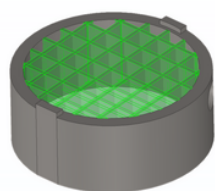
**Are you bored in using standard electrode materials?**

**Find new findings with customized electrode geometries and electrode materials.**

With our alkaline electrolyzer set-up you can test customized electrodes on the bigger scale, where typical lab infrastructure is not safe anymore.

Use special metal alloys, your special geometries or your special flow field ideas and test their alkaline-electrolyzer performance at higher total currents, at different electrolyte feeds or at long operation times. Monitoring the gas evolution process via our transparent windows is also possible. Use an industrial reference electrode (2<sup>nd</sup>-type) on the cathode or anode side and sense the real overpotential. Sample the electrolyte, the gas, the wet gas and monitor the gas-flow.

**The setup provides maximum flexibility at high safety. Suitable for your lab and students.**



Our integrated H<sub>2</sub>-warning system will give an alert signal, once a critical hydrogen level is reached inducing a safe shut down process.

The system is compatible with many potentiostats and consists of a special designed gas separator, drying system, massflowmeter, data-logging system, system-overpressure protection, inertization system based on N<sub>2</sub>, heating system and an easy-to-use Graphical User Interface.

*made in Austria*

**... get in touch with us:**

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[www.protovation.at/#kontakt](http://www.protovation.at/#kontakt)