

Hydrogen is now.

H-TEC SYSTEMS

PRESSEMITTEILUNG. 21. April 2017

HYDROGEN IS NOW

H-TEC SYSTEMS presents high-output electrolyzers of the megawatt class at the Hanover Fair.

Hanover – At the Hanover Fair, from 24 to 28 April 2017, the Lübeck-based company, H-TEC Systems, is presenting hydrogen PEM electrolyzers of the megawatt class for the first time as well as the heartpiece of every PEM electrolyser – the electrolyser stack. Using these technologies, it is currently already possible to produce hydrogen cost-efficiently at an industrial scale. In perfect time for the Hanover Fair, official sales of the H-TEC ME-Series, the series-production-ready, compact H-TEC electrolyzers of the megawatt class, will commence..

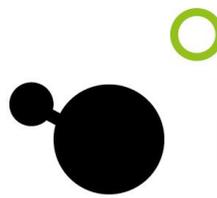
With more than 20 years of PEM electrolysis technology expertise, H-TEC SYSTEMS specialises in the development of production-ready, light and long-lasting electrolysis stacks and electrolyzers with an output of up to one megawatt. By using electrolyzers, electricity can be converted into hydrogen inexpensively and be made available for use in a wide variety of sectors such as industry, mobility, for supplying refineries, methanation, for feeding into the gas grid or for reconversion into electric power.

Sales of the Series S and the Series ME will officially begin with the start of the Hanover Fair. The Series ME is a compact, container-based PEM electrolyser of the megawatt class which is offered with a four-year output guarantee.



The H-TEC SYSTEMS electrolyzers convert electricity into hydrogen extremely efficiently at an efficiency rate of approx. 75 percent.

H-TEC SYSTEMS has set itself the aim of continuously reducing the technology and transformation costs ever further. This is achieved through consistently designing its products with mass manufacturing in mind, the durability of the components, the low output-to-weight ratio and the high conversion efficiency rate. This means that the specific costs of converting electricity into hydrogen could be reduced to as low as 2 cents per kWh in the near future. How electricity is converted into hydrogen is demonstrated in detail and in a hands-on fashion by the H-TEC SYSTEMS team at the fair by using a model.



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Experience the H-TEC SYSTEM Power-to-Gas technologies for yourself at the 2017 Hanover Fair, at stand C58 in hall 027.

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About H-TEC SYSTEMS

H-TEC SYSTEMS is a research and manufacturing company of the GP JOULE Group. H-TEC SYSTEMS has been working on innovative Power-to-Gas solutions based on PEM electrolysis since 1997 and actively develops its own stacks and electrolyzers. In 2010, GP JOULE integrated the Lübeck-based company into the corporation as a subsidiary in order to incorporate the technologies developed into intelligent operational and utilisation concepts with the aim of reducing the high costs for converting electricity into hydrogen to a competitive level.