

Autonomous natural gas reformer for on-demand hydrogen generation (Technion)

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The demand for hydrogen fuel cells is growing and consequently, the need for hydrogen is growing as well. We offer a natural gas autonomous membrane reformer for onsite and on-demand small-scale hydrogen production to facilitate hydrogen fuel-cell stack power generation. A working prototype of this compact, efficient and thermally independent unit has shown much promise for autonomous generation of ultra-pure hydrogen from natural gas.

Contact for more information:

Gabriel Shemer , +972-4-8294851

T - Technion Technology Transfer
Technion City, Senate Bldg., Haifa 32000, Israel
Tel. 972-4-829-4851; 972-8325-375
Fax. 972-4-832-0845