

Hydrogen generator

Title	Hydrogen generator
Description of the technology	<p>Significantly influences the increase in the usefulness of bio-gas power plants, and also de-carbonises the gas module.</p> <p>Comparative advantages over existing models are that our generator, in order to carry out electrolysis, does not require an electrolyte and does not require a high amperage (max up to 3.5 Ampere). This leads to the overcoming of all the problems that have not yet been solved in the work of conventional hydrogen generators (high electrolyte concentration up to 30%, thermal reaction, system evaporation due to high temperature, taking up to 30 amps necessary for operation ... etc)</p> <p>Among the most important facts of our generator application is the high degree of autonomy of the power plant. Reduced yield of gas from the digester can also be tolerated as the generator will increase the utility or energy efficiency of the gas module as much as is necessary for the production of electrical energy.</p>
Advantages	<ul style="list-style-type: none">• increase in the usefulness of bio-gas power plants<ul style="list-style-type: none">• de-carbonises the gas module• does not require an electrolyte• does not require a high amperage• high degree of autonomy of the power plant
Keywords	Hydronic generator, bio-gas power plants, electrolysis
Form of cooperation	sale to end-user
Language of communication	English, Serbian
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