

Research & Innovation

School of Mechanical Engineering

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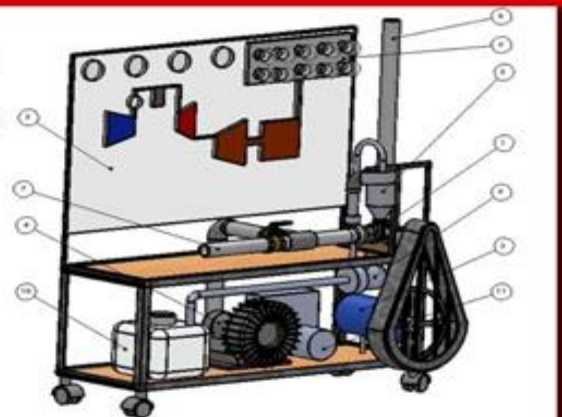
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MICRO GAS TURBINE (MGT) POWER GENERATION SYSTEM FOR RESEARCH TEACHING CARBONIZER

● BRIEF DESCRIPTION OF THE PRODUCT

Produce about 100 W power using various liquid fuel. The MGT consists of 2-stage compressor and turbine arrangement.

- 1- Micro gas turbine (MGT)
- 2- Combustion Chamber
- 3- 2kW electrical generator
- 4- Start-up air blower
- 5- Control panel
- 6- Electrical load
- 7- Air Inlet
- 8- Engine exhaust
- 9- Fuel pump
- 10- Fuel tank
- 11- Lubrication unit



Two-Stage Micro Gas Turbine (MGT) with Liquid Fuels

● APPLICATION & BENEFIT OF THE PRODUCT

To assist the academic institution above to teach the power generation system using gas turbine.

● TARGET GROUP

Teaching institution, Polytechnic, IKM and Government Colleges.

● COST

Negotiable

● LEAD TIME FOR PRODUCT FABRICATION

10 to 16 Weeks

RESEARCHER

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