

Product Name :
Steam Power Plant With Steam Engine

Product Code :
Fluid Equipments0037



Description :

Steam Power Plant With Steam Engine

Technical Specification :

Steam Power Plant With Steam Engine

- Demonstration of a steam power plant with single-cylinder piston steam engine
- Gas-fired boiler for steam generation

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- Water-cooled condenser
 - DC generator
 - Light bulbs as consumers
 - Sensor and display for temperature, pressure, flow rate, voltage and current
 - Safety valve and temperature monitoring for safe operation

Technical Data

Steam engine

- Power: max. 5W
- Speed: max. 1200min⁻¹
- Cylinder: diameter: 20mm

Generator

- DC motor: max. 3,18W at 6000min⁻¹
- Gas-fired boiler
- Safety valve: 4bar
- Gas connection 3/8"L (propane or butane)

Measuring ranges

- Temperature: 8x -20...200°C
- Pressure: 0...6bar
- Flow rate:
 - Gas: 0...110L/h,
 - Water: 15...105L/h
- Voltage: 0...10VDC

Civil Mechanical India

Website: www.civilmechanicalindia.com, **Email:** export@civilmechanicalindia.com

Address: 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India, **Phone:** +91-0171-2643080, +91-0171-2601773