

**Product Name :**  
Steam Power Plant with Steam Engine

**Product Code :**  
DM397



**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  
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: 5w  
Speed: 1200min-1  
Cylinder:  $\varnothing$  20mm  
Generator  
DC motor: 3,18W at 6000min-1  
Gas-fired boiler  
Safety valve: 4bar  
Gas connection 3/8" (propane or butane)  
Measuring ranges

Temperature: 8x -20...200°C  
Pressure: 0...6bar  
Flow rate:  
0...110L/h (gas)  
15...105L/h (water)  
Voltage: 0...10VDC  
Current: 0...250ma  
230V, 50Hz, 1 phase

## Naugralabequipments

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