Product name:	Product code:
Steam Power Plant 1,5kW with Process Control System	Fluid Equipments0012



Description

Steam Power Plant 1,5kW with Process Control System

Technical specification

Ethernet

Description of **Steam Power Plant 1,5kW with Process Control System**

Nowadays large process engineering systems, such as steam power plants, are managed with process control systems (PCS). The entire system is monitored, actuators regulated and controlled, measurements recorded and displayed via the process control system.

NAUGRA®
Civil Laboratory Equipment Manufacturers and Suppliers India Civil Lab Exportrs India
Email us at: export@civilmechanicalindia.com

The Steam Power Plant is specifically designed for training purposes in the field of power plant engineering with process control systems. The system operates very similarly to real large-scale plants due to the high degree of complexity.

Specification of **Steam Power Plant 1,5kW with Process Control System**

1. Laboratory-sized steam power plant
2. Oil-fired once-through boiler with electrical superheater
3. Single-stage industrial steam turbine with DC generator as turbine load
4. Water-cooled condenser
5. Feedwater treatment
6. Process control system for monitoring, control and regulation of the plant
7. Control station with complete instrumentation on modern LCD monitors, touchscreen operation
8. System equipped with sensors and actuators for monitoring and controlling the plant via integrated PLC and