NAUGRA®

Product name:	Product code:
Variable Compression Ratio Petrol Engine Test Rig	CMI-NP-1529



Description

Variable Compression Ratio Petrol Engine Test Rig is a single-cylinder four-stroke petrol engine with variable compression head, eddy current loading and instrumentation. It is used for studying engine performance, brake power and fuel consumption at different compression ratios.

Technical specification

Speed	1500 rpm constant
Dynamometer	Eddy current
Cooling	Water cooled
Bore x Stroke	70 x 66 mm
Power Supply	230 V AC, 50 Hz, single phase

Variable Compression Ratio Petrol Engine Test Rig is a single-cylinder four-stroke petrol engine with variable compression head, eddy current loading and instrumentation. It is designed for studying engine performance, brake power and fuel consumption at different compression ratios. Key highlights include compression ratio adjustable while running, eddy current dynamometer with load cell and air box with orifice for air flow.

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Features

- Compression ratio adjustable while running
- Eddy current dynamometer with load cell
- Air box with orifice for air flow
- Digital fuel consumption measurement
- Engine analysis software

Technical Specifications

Engine	Single cylinder, 4 stroke, 3.5 kW
Compression Ratio	Variable 5:1 to 10:1