Product name:	Product code:
Four Stroke Petrol Engine with Variable Compression	Fluid Equipments0029



Description

Four Stroke Petrol Engine with Variable Compression

Technical specification

Description of **Four Stroke Petrol Engine with Variable Compression**

In conjunction with the test stand and the load unit, the engine is highly suitable for investigation of different compression ratios, ignition timing adjustment and an adjustable jet nozzle. The engine used here is an air-cooled single-cylinder four-stroke petrol engine with external carburation. A modified cylinder head permits experiments with various combustion chamber inserts. To adjust the mixture composition, the carburettor was modified.

Specification of **Four Stroke Petrol Engine with Variable Compression**

1. Air-cooled single-cylinder four-stroke petrol engine for installation in the test stand
2. 5 Variable compression ratios, adjustable by varying the combustion chamber geometry
3. Adjustable ignition point
4. Mixture composition adjustable
5. Engine mounted on vibration-insulated base plate
6. Force transmission to brake via pulley
7. Engine complete with fuel hose and exhaust gas temperature sensor
8. Fuel hose with self-sealing quick-release coupling