Diesel Engine 2 Stroke AL-PY228-6

Code: AL-PY228-6 HSN: 9023 GST: 18% Brand: AVAIN LABS









AVAIN LABS® Diesel Engine 2 Stroke AL-PY228-6

The AVAIN LABS® Diesel Engine 2 Stroke AL-PY228-6 is an educational demonstration model designed to help students understand the working principle and operating cycle of a two-stroke diesel engine. It is suitable for mechanical engineering, automobile engineering, IC engine laboratories, technical institutes, and classroom demonstrations.

This 2-stroke diesel engine model provides a practical way to study the fundamentals of compression ignition (CI) engines, including piston movement, cylinder operation, crankshaft rotation, air compression, fuel injection, combustion, and the conversion of thermal energy into mechanical motion.

Key Features

- Demonstrates the working principle of a 2-stroke diesel engine
- Helps explain the operation of a compression ignition (CI) engine
- Useful for studying piston, cylinder, connecting rod, and crankshaft mechanisms
- Demonstrates fundamental concepts of air compression, fuel injection, and combustion
- Suitable for mechanical and automobile engineering laboratories
- Ideal for classroom teaching and practical demonstrations
- Useful for engineering colleges, universities, polytechnic institutes, ITIs, and technical training centers
- Helps students develop a practical understanding of diesel engine operation and internal combustion

Applications

The AVAIN LABS® 2 Stroke Diesel Engine AL-PY228-6 can be used to demonstrate important concepts related to two-stroke diesel engine operation, compression ignition, internal combustion, piston movement, crankshaft mechanism, fuel injection, combustion, and power generation.

It is particularly useful as IC engine laboratory equipment, mechanical engineering teaching equipment, automobile engineering laboratory equipment, and technical education apparatus. The model enables instructors to explain engine components and operating principles through a clear and practical demonstration.

Ideal For

- Mechanical Engineering Laboratories
- Automobile Engineering Laboratories
- IC Engine Laboratories
- Diesel Engine Demonstrations
- Polytechnic & ITI Institutes
- Engineering Colleges & Universities
- Technical Training Centers
- Automotive Engineering Education
- Classroom & Workshop Demonstrations
- STEM and Technical Education

Product Name: AVAIN LABS® Diesel Engine 2 Stroke Model: AL-PY228-6 Product Type: 2-Stroke Diesel Engine Educational Model Category: Diesel Engine / IC Engine Laboratory Equipment Suitable For: Engineering Colleges, Universities, Polytechnics, ITIs, Schools & Technical Training Institutes

Available models (3)

Cat. No.	Model / Size	Size	HSN
AL-PY228-6-S1	Small	Small	9023
AL-PY228-6	Diesel Engine 2 Stroke		9023
AL-PY228-6-S2	Large	Large	9023

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