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PRODUCT DATA SHEET
Catalogue reference for product evaluation

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Study of Fuel Injection Systems Trainer | Thermoflux 12098

Category: Thermodynamics Lab Equipment · **Order Code:** THERMOFLUX 12098 · **Country of Origin:** India

Product Overview

The Study of Fuel Injection Systems Trainer Thermoflux 12098 demonstrates inline pump, rotary pump, and CRDI diesel injection systems. This fuel injection systems trainer features sectioned or working models with labeled components on a rigid fabricated frame, supporting classroom study of construction, working principles, and injection characteristics.

View this product online: https://scienticoindia.com/product/study-of-fuel-injection-systems-trainer-thermoflux-12098/



Request a model-specific quotation
Include quantity and delivery country.

Technical Specifications

Study of Fuel Injection Systems Trainer Thermoflux 12098 — Technical Specifications

Parameter	Value
Trainer Type	Demonstration and study model
Systems Covered	Inline pump, rotary pump, CRDI
Mounting	Heavy duty fabricated structure
Operation	Manual / demonstrative
Components	Labeled
Application	IC engine and automobile labs

Technical Data

Systems:

- Inline fuel injection pump
- Rotary (distributor) fuel injection pump
- CRDI (common rail direct injection) system
- Fuel injection characteristics study

Structure:

- Rigid frame mounted trainer
- Heavy duty fabricated mounting

Key Features

Key Features

- Multi-System Demonstration: Inline, rotary, and CRDI systems in one trainer
- Visible Internals: Sectioned or working models show construction and fuel flow
- Labeled Components: Clear identification for classroom instruction
- Rigid Frame: Heavy duty fabricated structure for repeated use
- Low Maintenance: Designed for long service life and academic use
- Customizable: Built to suit curriculum requirements

Experiments

- Construction study of inline fuel injection pump
- Working principle study of rotary fuel injection pump
- Operation study of CRDI system
- Functional comparison of conventional and modern diesel injection systems
- Fuel injection characteristics study

Construction and Design

The Thermoflux 12098 trainer uses a heavy duty fabricated structure with a rigid frame. Sectioned or working models of the inline pump, rotary pump, and CRDI system are mounted with labeled components. Internal parts and fuel flow are visible for demonstration.

Scope of Delivery

- 1 Study of fuel injection systems trainer
- 1 Set of labeled models (inline pump, rotary pump, CRDI system)

Ordering & Delivery

- Send the product name, quantity, delivery country and destination with your enquiry.
- Production schedule, freight, payment terms and export documents are confirmed in the written quotation.

Frequently Asked Questions

Q: Which fuel injection systems does the Thermoflux 12098 trainer cover?
A: It covers the inline fuel injection pump, rotary (distributor) fuel injection pump, and CRDI (common rail direct injection) system.

Q: Who is the Thermoflux 12098 trainer designed for?
A: It is designed for mechanical engineering, automobile engineering, and IC engine laboratories at academic institutions.

Q: Is the Thermoflux 12098 trainer customizable?
A: Yes. Customization is available to match curriculum requirements.

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