SCIENTICO INDIA
Manufacturer & Exporter · Ambala, Haryana, India

PRODUCT DATA SHEET
Catalogue reference for product evaluation

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Modern Common Rail Diesel Injection Interactive Course | SC-CRD 2206

Category: TVET Equipments · **Order Code:** CRD 2206 · **Country of Origin:** India

Product Overview

The Modern Common Rail Diesel Injection Interactive Course SC-CRD 2206 is a PC-based course on common rail diesel injection, pressures, and injector behaviour. It includes animations, solenoid and piezo injector studies, low- and high-pressure circuit analysis, and eight simulated faults for troubleshooting practice.

View this product online: https://scienticoindia.com/product/modern-common-rail-diesel-injection-interactive-course-sc-crd-2206/



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

Technical Specifications

Modern Common Rail Diesel Injection Interactive Course SC-CRD 2206 — Technical Specifications

Parameter	Value
Tender Item ID	11006
Model No.	SC-CRD 2206
Item Code / CIC	TTS / EEE
Brand / Origin	Scientico / India
Course Type	Interactive PC-based
Injection Types	Solenoid and piezo injectors
Fault Simulation	8 simulated faults
Language	English
Documentation	Trainer and student manuals, 2 sets per laboratory
Licence	Perpetual site licence, no recurring fee
Compatible Interface	SC-IPT 4016 (Item 11001) or functionally equivalent

Technical Data

Learning Content:

- Diesel injection requirements and designs
- Common rail design and operation
- Troubleshooting
- Injection response of solenoid and piezo injectors
- Low-pressure and high-pressure circuits
- Electrical testing of injectors
- Hydraulic components

Fault Simulation:

- 8 simulated faults for diagnostic and troubleshooting training

Key Features

Key Features

- Interactive Course: PC-based learning with animations
- Common Rail Coverage: Design, operation, and pressure circuits
- Injector Analysis: Solenoid and piezo injector response
- Electrical Testing: Injector testing with virtual instruments
- Fault Diagnosis: 8 simulated faults
- Perpetual Licence: Site licence for all laboratory workstations, no recurring fee

Experiments

- Common rail system operation and design study
- Low-pressure and high-pressure circuit analysis
- Solenoid injector injection response
- Piezo injector injection response
- Electrical testing of injectors
- Hydraulic component study
- Diagnosis of simulated common rail faults

Construction and Design

The course combines course software with animations and an experiment unit for common rail diesel injection. Virtual instruments on the interactive training hardware support measurement during practical work.

Software

Course software with animations, English language, perpetual site licence for all laboratory workstations.

Scope of Delivery

- 1 Course software with animations (perpetual site licence)
- 1 Experiment unit for common rail diesel injection
- 2 Trainer manual sets with exercises and model answers
- 2 Student manual sets with exercises and model answers

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: What injector types does the SC-CRD 2206 cover?
A: It covers solenoid and piezo injectors, including their injection response and electrical testing.

Q: How many faults can be practised?
A: Eight simulated faults support diagnostic and troubleshooting training.

Q: Which language is the course in?

A: The course software and documentation are in English.

Q: Which hardware runs the virtual instruments?

A: Experiments use the SC-IPT 4016 interactive training interface or any functionally equivalent system.

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