

**Description:**

The Standard Diesel Injector Nozzle Tester is a manually operated test unit designed for checking the performance and condition of diesel injector nozzles. The unit enables verification of injection pressure and observation of spray characteristics, supporting routine inspection and maintenance activities. Its simple hand-operated mechanism ensures ease of use without the need for external power, making it suitable for workshops, training institutes, and service applications. The compact, bench-mounted design provides stable operation and convenient handling.

Technical Specifications:

- **Type:** Manual diesel injector nozzle tester, bench-mounted
- **Operation:** Hand-operated plunger pump system
- **Plunger Diameter:** Approx. Ø10 mm
- **Actuation:** Lever-operated mechanism (short stroke operation)
- **Pressure Indication:** Analog pressure gauge mounted on unit
- **Pressure Range:** Suitable for injector testing up to approx. 500 kg/cm² (≈500 bar)
- **Fuel System:** Integrated fuel reservoir with piping arrangement
- **Injector Mounting:** Compatible connection provision for diesel injector nozzles
- **Construction:** Rigid base plate mounted design for stable operation

Application:

- Checking injector opening pressure
- Observation of spray pattern and atomization quality
- Detection of nozzle leakage or dribbling
- Verification of proper injector operation after servicing or cleaning
- Comparative testing of injectors for consistency
- Routine inspection and maintenance in diesel engine systems
- Use in automotive workshops and service stations
- Training and demonstration purposes in technical institutes
- Suitable for testing injectors used in small to medium diesel engines

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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