



CNC605

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GDI Injector Cleaner & Tester



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CNC605 is a fuel injector cleaning and testing equipment suitable for GDI, EFI, and SFI systems. It can simulate engine operating conditions to simultaneously clean and test up to 6 fuel injectors.

Compatible with Various Fuel Injectors (GDI, EFI, SFI...)

Deep Ultrasonic Cleaning

Automatic Oil Drain Control

Simulated Operating Condition Testing



Features

1. Supports cleaning and testing of GDI, EFI, and SFI fuel injectors;
2. Utilizes ultrasonic intensive cleaning technology to thoroughly remove carbon deposits and filter screen residues from the fuel injectors;
3. Utilizes microcomputer automatic control technology for automatic control of the cleaning and testing process, and real-time monitoring of the key performance of the fuel injectors;
4. Equipped with various non-dismantle cleaning connectors, capable of non-dismantle cleaning and maintenance for multiple vehicle models;
5. Through simulating engine operating conditions, comprehensively tests various aspects of the fuel injector's performance.

Functions

- 1. Working Mode Selection:** Can select GDI or EFI working mode based on the injector type.
- 2. Ultrasonic Cleaning:** Capable of simultaneously ultrasonic cleaning multiple injectors, effectively removing carbon buildup.
- 3. Uniformity/Spray Testing Function:** Detects the uniformity of fuel injection quantity for each injector and allows comprehensive observation of the injector spray pattern using background lighting.
- 4. Sealing Test Function:** Tests the sealing and leakage of injectors under system pressure.
- 5. Fuel Injection Quantity Detection Function:** Measures the fuel injection quantity of injectors under a constant 15-second injection condition.
- 6. Automatic Cleaning and Testing Function:** Under specific working parameters, realistically simulates injector testing under various conditions.
- 7. Reverse Flush Function:** For the uniformity/spray testing item, performs a reverse flush using a reverse flush adapter to remove internal injector contaminants and residues attached to the filter screen.
- 8. Non-Dismantle Cleaning Function:** Equipped with various non-dismantle cleaning adapters, allowing non-dismantle cleaning and maintenance for multiple vehicle models.

Parameters

Power Supply	AC110V/AC220V 50Hz/60Hz	Revolutions Per Minute	100~9900rpm Step length 100rpm
Main Engine Power	350W	Pulse Width	0.5~25ms Step length 0.1ms
Ultrasonic Cleaning Power	100W	Timer Range	1~30min
Fuel Pressure	0.1~10 bar	Tank Capacity	3L
Air Inlet Pressure	5~8 bar	Size	442×490×533mm

CNC605 Accessories

