



CNC605+






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GDI Injector Cleaner & Tester



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CNC605+ is a cleaning and testing equipment suitable for piezoelectric (140V), GDI (65V/12V) and conventional fuel injectors. It uses ultrasonic cleaning technology combined with microprocessor oil pressure control technology to simulate various engine working conditions and clean and test automobile fuel injectors.

-  **Adaptable to all voltage types of injectors (PIEZO, GDI, conventional fuel injectors)**
-  **Low resistance and high precision resistance test**
-  **Ultrasonic strong cleaning**
-  **Simulated working condition test at safe oil pressure**
-  **Enlarged glass tube viewing windows**



Features

1. Support the cleaning and testing of all types of injectors (PIEZO, GDI, conventional injectors) under safe oil pressure.
2. The use of ultrasonic strong cleaning technology can completely remove carbon deposits on the fuel injector and filter deposits.
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. Optional side-feed injector kit available.
6. Through simulating engine operating conditions, comprehensively tests various aspects of the fuel injector's performance.
7. Equipped with a 7-inch color screen, the display is more intuitive and the operation is more convenient.














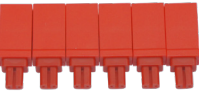




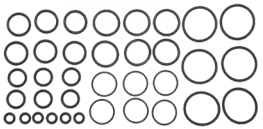
Functions

- 1. Working mode selection:** Can select EFI (12V), GDI (65V) or PIEZO (140V) operating mode based on the injector type.
- 2. Ultrasonic Cleaning:** Capable of simultaneously ultrasonic cleaning multiple injectors, effectively removing carbon buildup.
- 3. Low resistance testing:** Supports low-resistance injector testing, capable of detecting short circuits and open circuits in fuel injectors.
- 4. Uniformity/Spray Testing Function:** Detects the uniformity of fuel injection quantity for each injector and the spray atomization of the injector can be comprehensively and carefully observed using the background light.
- 5. Sealing Test Function:** Tests the sealing and leakage of injectors under system pressure.
- 6. Fuel Injection Quantity Detection Function:** Measures the fuel injection quantity of injectors under a constant 15-second injection condition.
- 7. Automatic Cleaning and Testing Function:** Under specific working parameters, realistically simulates injector testing under various conditions.
- 8. 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.
- 9. Non-Dismantle Cleaning Function:** Equipped with various non-dismantle cleaning adapters, allowing non-dismantle cleaning and maintenance for multiple vehicle models.

Parameters

Host power supply	AC110V/AC220V 50Hz/60Hz	Simulation speed range	100-9900rpm, step length 10rpm
Host power	500W	Pulse width	0.1-25ms, step length: 0.1ms
Fuel tank capacity	2500 ml	Resistance test accuracy	1%
Ultrasonic cleaning machine power	100W	Resistance test range	0-100Ω
Working pressure	0.1-9bar	Host size	412×398×550mm

CNC605+ Accessories

 <p>Ultrasonic cleaner</p>	 <p>Fuel distributor</p>		
 <p>Ultrasonic stent</p>	 <p>Stopper</p>	 <p>Coarse thread adaptor for fuel top-supply injector</p>	 <p>swiss thread adaptor for fuel top-supply injector</p>
 <p>Ultrasonic cleaner lid</p>	 <p>Flush-back Adaptor for fuel top-supply injector</p>	 <p>Straight drain connector 3</p>	 <p>Straight oil drain connector 4</p>
 <p>Benz piezo adaptor</p>	 <p>Plug for BUICK Injector</p>	 <p>Long screw</p>	 <p>Test tube</p>
 <p>CNC-Pulse connecting wire 1</p>	 <p>CNC-Pulse connecting wire 2</p>	 <p>O-ring</p>	

CNC605+ Applicable injector types

