

All-Purpose 6-Channel Injector Driverbox

User Manual

This test kit drivers all kinds of gasoline/diesel injectors, including PFI/ FSI/ TFSI/ GDI/ Peizo etc. It offers 6 channels of adjustable signal output, to fit most vehicles.

The kit also provides common adapters for most Direct Injection injectors to fit in the fuel rails of most traditional PFI injector testers, which is very common, for testing the injectors' spray-ability.

• Specifications

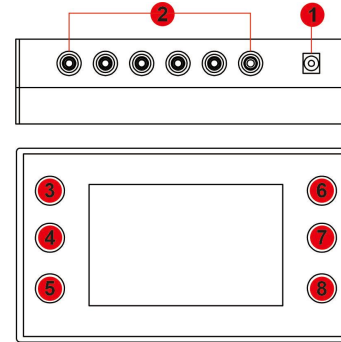
Dimensions	8*14*4cm
Power	Max 60W
Voltage	DC 12V
Output signal	Low resistance PFI / High resistance PFI / GDI-Peak & Hold / GDI-Piezo
RPM	120-2400 step 120
Pulse Width	4000~9900 μ s
Unit	Bar, Kpa, PSI, Kg/cm ²

Type	Function	Parameter	Range
Low resistance Fuel Injector	Sprayability	Voltage	12V
		Current	3~20A
High Resistance Fuel Injector	Sprayability	Voltage	12V
		Current	3~20A
GDI Peak & Hold Fuel Injector	Sprayability	Peak Voltage	60-100V
		Peak Current	3~20A
GDI Piezo Fuel Injector	Sprayability	Voltage	100-170V
		Peak Current	3~20A

• Packing List

- 01 Driverbox
- 01 Power Cord
- 06 Signal Output Cord
- 06 Extension Cord
- 06 * 3set of Fitting Adapters

- 02 M8/10-M6 lead thread adapter
- 02 25mm lead thread
- 02 Locking Nut
- 06 Φ 10 Washer
- 06 Φ 14 Washer



• Structure of the Driverbox

- ① 12V Power Supply Introduction Port
- ② Signal Output Port
- ③ ON/OFF/Actuate Button
- ④ Start/Stop Button
- ⑤ Navigation: BACK Button
- ⑥ Navigation: UP Button
- ⑦ Navigation: Confirmation Button
- ⑧ Navigation: DOWN Button

① 12V Power Supply Introduction Port

Introduce DC 12V power supply into the driverbox.

② Signal Output Port

6-channel signal output, from the left to the right, index from #1 to #6.

③ ON/OFF/Actuate Button

When power supply is introduced, long press this button to switch ON or OFF the unit, also this button could trigger a single pulse to do actuation test of the injectors(only available when the injector type is selected).

④ Start/Stop Button

Press this button to start or stop signal output.

⑤ Navigation: BACK Button

Navigate to the parent screen.

⑥ Navigation: UP Button

Navigate up on the list, or adjust the parameters.

⑦ Navigation: Confirmation Button

Press this button would enter the corresponding next screen while navigate between the screen pages.

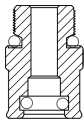
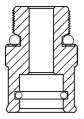
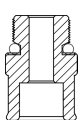
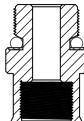
Press this button on adjustable parameter entries would make the entry flash, and use the navigation UP and DOWN button to adjust parameters. Press it again to exit.

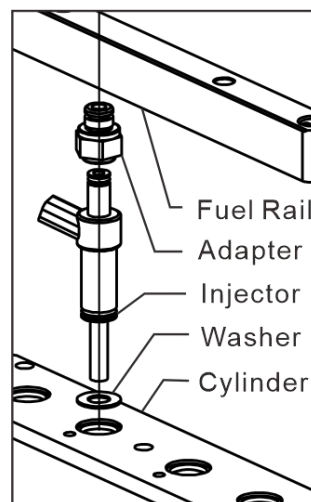
⑧ Navigation: DOWN Button

Navigate up on the list, or adjust the parameters.

● Adapters

There are 6pcs * 4 sets of adapters for fitting different injectors to a fuel rail of a traditional PFI gasoline injector tester.

Shape	Specification	Usage
	Φ15/15.8 to Φ13	Fitting for the fuel introduction port of Bosch Peizo injector, eg., the injector in some Mercedes-Benz.
	Φ11.6 with O-ring to Φ13	Fitting for round-shaped injectors like those applied on BMW B38/48.
	Φ11.6 to Φ13	Fitting for VW or other injectors with O-ring
	M12x1.5 to Φ13	Fitting for injector with M12 fuel introduction port like BMW or others



* Fittings for some other types of injectors might could be found within your standard PFI injector tester's accessories.

*Latest fittings released, may not shown in this manual.

● Usage of the Fittings on a regular PFI injector tester

Take the injector graph on the left for reference,

1. Apply the adapter on the fuel introduction port.

2. Mount the Φ13 adapter, might could be found within your standard PFI injector tester's accessories,

onto the top of the adapter so the injector could fit into your own fuel distribution rail.

3. In case the original locking thread not long enough to lock the fuel distribution rail, mount the **M8/M10-M6 lead thread adapter** onto your test rack then use the lead thread and locking nut from our accessories to lock your fuel distribution rail.

4. Run the **Leakage Test** function on the PFI injector tester.

4. Connect the Driverbox and test the spray-ability of the injector.

● Warranty

1. The driverbox main unit entitled free warranty since the date of purchasing up to 12 months.

2. For warranty issue concerning the accessories, please make inquiry to the distributor.

3. Any damage to the device caused by misuse, or improper operation, is not covered by warranty.