Diesel engine ECU test bed PHS instruction

Diesel PHS computer test bed is a newly upgraded matching product for MST-9000+, the most convenient to operate auto ECU test bed in China. Besides, the Diesel PHS computer test bed can work independently as well. It can completely drive various types of auto computers, sensor signals and fuel injector conditions. With simple and concise appearance, reasonable design and easy-to-upgrade software, the Diesel PHS computer test bed is the right-hand to electronic fuel injection system teaching and training, decoder demonstration, testing and maintaining computer board.

Instrument parameters:

1. The test bed is equipped with 4 analog signals with digital voltmeter to precisely display the voltage of analog signals.
2. The test bed is equipped with 4 waveform output channels through which you can edit crankshaft and camshaft signals of various auto models. It is Convenient and accurate.
3. The test-bed can accurately simulate the working condition of diesel injector.
4. The test-bed is equipped with 3 analog switches, you can set the of high-low level output as you please.
5. For the convenience of use, the new model can be stored at computer as the form of terminal data and waveform edited by computer. When needed, you can download the data and waveform to the test bed.
6. The machine adopts high-powered switching power supply with the function of short-circuit protection.
7. For the convenience of users to do computer diagnosis, it adopts the OBD computer diagnosis propriety plug to test computer board.
The schematic diagram of the instrument’s connection port:

Fuel injector
Analog signal

Switch signal
Actuator signal

The signal of the crankshaft
Usage of the Instrument:

A. usage of software:
1. Put the "diesel PHS" folder in the C disk directory
2. Open the software and find out "the USB driver files"

3. Double-click the "CH341SER drive"
4. Click “INSTALL”.
Driver installed

5. Send "diesel PHS" to the desktop thus create a shortcut
6. Software interface

7. Check the instrument port number in the device manager.
8. If the port number is greater than the COM9, please click the right mouse button and select properties:
9. Select advanced in the port Settings
10. Set the port within COM9

11. Select a serial port Setting to do port Settings
Packing list: the power cable, USB cable, computer cable, CD.