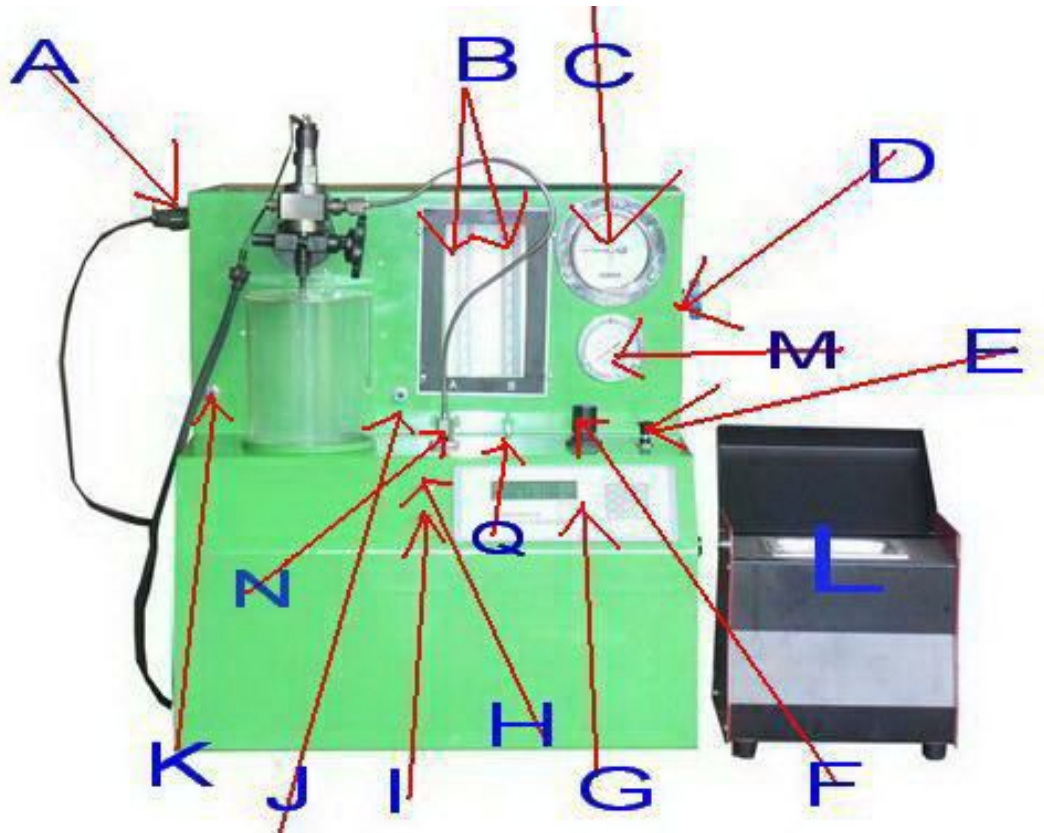


Operation manual



When you use it, you should connect to an air compressor, the interface to the compressor is on the right of PQ1000, you can see it.

Operation manual:

A: interface of signal cable

B: glass tube for injection oil and back oil

C: oil pressure gauge

D: oil switch

When it closes, you can adjust the oil pressure.

When it opens, the oil will go back to the oil tank, and the pressure will be zero.

M: air pressure gauge

E: air source switch

Pull out means "open"

Press means "close"

F: Regulator for air pressure

We pull it out and start it, thus we can adjust the pressure.

The rate of oil pressure and air pressure is 250:1, for example, if air pressure is 7kg, oil pressure is 1750 kg.

When you rotate it in clockwise, we can increase the pressure,

Inverse, the pressure will drop

- G:** common rail injector tester control simulator
- H, I:** switch for unload injection oil and back oil from glass tube
- J, K:** interface for injection oil and back oil to glass tube
- N:** oil supply interface
- Q:** fine-tuning switch for air pressure
- L:** ultrasound cleaner for injector, nozzle

G: Front panel



Keyboard:

The Common Rail Injector Tester function menu and the data for the injectors testing can be set on the numerical keyboard.

Data entry:

“P”: Pulse length (μ s)

injection signal width, in micro second, range 0-6000

“F”: Pulse frequency (Hz)

Fuel injection signal frequency , in hertz, range 1-40

“T”: total times of injection

Stop fuel injection once the preset time is reached in minute.

“80V”: Pulse tension (V)

Apply “80v”to BOSCH or DENSO CR injectors and “12V” to DELPHI CR injector

The “P” “F” and “T” parameters can be dialed on the numerical keyboard and confirmed by the “C” button.