

ROCKEN TECH INJECTOR TEST STAND

FOR PT TYPE DIESEL FUEL INJECTORS



Test Stand for PT-PL PT injector Calibrations

Rocken Tech PT-PL Injector Calibration Stand, model **RT-PT-IN** is designed to measure fuel injection volumes for various models of PT injectors. The injectors to be tested include flange-joint type, the column (stick) type, and PT(K) type injectors.

Major features:

1. Fuel injection volume is displayed in numerical code with measuring accuracy ranges at ± 0.1 ml/1000 cycles.
2. Per injector model, the cycle index can be selected 100 cycles or 50 cycles.
3. The injection backpressure simulator features the compression pressure that simulates a real time environment condition like fuel injected into the cylinder of an actual engine.
4. Some test cams are provided for various injectors and they can be replaced conveniently during the test.
5. An automatic fuel temperature control system ensures the temperature to meet the demands of PT injector tests.
6. With a numbers of fuel pressure gauges installed on the instrument board, the system pressure can be adjusted instantly to ensure the accuracy and stability of the fuel pressure during the test.
7. Injector to be tested will be clamped and secured automatically when test started and at the same time the fuel is supplied automatically to the test system.
8. To ensure safe operations, an inter-lock circuit type control buttons is applied into the design of the system.
9. User-friendly operation with higher reliability has been featured due to the elimination of conventional method of fuel line/pipe connections. This makes the test stand easier for adjustments and maintenance.

Main specifications Of the injector test stand:

Main driving motor: 1.1 Kw
Motor driving pump: 0.55 Kw
Supply power: 380V, AC
Clamping pressure: 680 ± 10 KPa
Ration speed: 1000 ± 1 r/min
Cycle index: 100 cycles
Accumulator volume: 500 ml
Measuring accuracy: ± 1 ml
Dimensions (L X D X H): 980 X 720 X 1510 mm
Weight: 350 Kg

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