




**FUEL INJECTION
HANDHELD TOOLS**

**FST / FST-HF, HP-G2500
HP-G250, CRPT-110
CRMK-110, PIMK-010**

**Engine Service
Solutions**

Modern engine servicing,
calls for time-saving, easy-to-use
and cost-effective solutions



8 Fuel Injection Handheld Tools



FST / FST-HF

Diesel & Gasoline
Fuel System Tester

DIAGNOSIS

- Incorrect fuel pressure
- Incorrect system fuel flow
- Plugged fuel filter
- Faulty fuel pump
- Plugged fuel pump inlet strainer
- Faulty fuel pump check valve
- Leaky fuel injectors
- Incorrect operation of the fuel pressure regulator
- Fuel foaming and/or contamination
- Restrictions in supply/ return fuel lines
- Intake manifold vacuum fluctuation
- Exhaust back-pressure for testing DPF & Catalytic Converter
- Turbo-boost pressure operation
- Adaptability for all Makes, Models and Types

FEATURES

- Compact, Portable and Robust tool for use in the workshop
- High flow capability for Racing and Performance applications [FST-HF]
- Easy readable analog gauges: Fuel Pressure, Manifold Vacuum, Exhaust Back-Pressure
- Durable and clear analog flow tube
- Spill-free quick connectors
- Easy hook for mounting on engine hood



HP-G2500

Common-Rail Gauge

FEATURES

- New Common Rail Injection Systems
- Up to 2500Bar
- Compact & Portable
- Dynamic & Static tests
- Adaptable to all CRDi Systems



HP-G250

High Pressure Gauge

FEATURES

- Conventional Diesel Systems
- G-Di Gasoline Fuel Systems
- Up to 250Bar
- Compact & Portable
- Dynamic & Static tests
- Adaptable to all DI & G-Di Systems*



CRPT-110

Digital Common Rail Pressure Tester

DIAGNOSIS

CRDi system operating pressure
CRDi system leaking

FEATURES

Easy Operation / Robust design
Adaptability to All Makes sensors
Operation Range 0-2000 Bar
Measurement resolution of 1 bar
Indication for defective pressure sensor
Fault detection indicated by a red warning LED
Automatic shut-off after 1 minute
Power supply by 9 V battery (standalone unit)



CRMK-110

Common Rail Injector's Backflow Kit for All Injector Makes

DIAGNOSIS

CRDi Excessive Back-Leak

FEATURES

Test kit for checking the return flow volumes from Common-Rail Injectors
Plexiglass robust container with graduated scales for easy comparison
Metal chain hook to hold tester in upright position of the engine hood
Set of backleak connectors for BOSCH, VDO, DELPHI and DENSO injectors



PIMK-010

Piezo CRDi Backflow Pressure Tester

DIAGNOSIS

Piezo CRDi return pressure
Piezo injector proper operation

FEATURES

Transparent Plexiglass tester to permit view of any air pockets which may be present in the fuel
Interchangeable vacuum gauge on the test unit for further testing capabilities
Adaptability for most injectors in the market
Pressure relief valve for safe removing from engine
Adaptable to BOSCH (15 Bar gauge) and VDO, DELPHI & DENSO (+3 Bar gauge)



CARBON ZAPP

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