

FST/FST-HF

Fuel System Testing
and Analysis



The Innovative
Fuel System Testing
Solutions!



INNOVATION DRIVEN



**Engineering Forward
Mobility Solutions!**

FST/FST-HF

Fuel System Testing and Analysis



→ 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
- Plugged fuel pump inlet strainer. Faulty fuel pump check valve Leaky fuel injectors
- 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

*Optional Upgrade

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 / GDi 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**

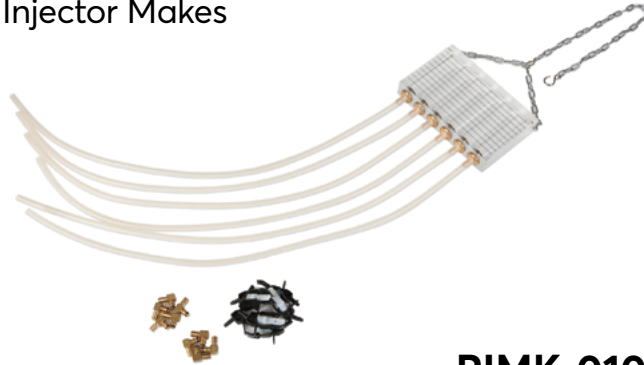
CRDi system operating pressure CRDi system leaking

→ **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 Injectors 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

DIT-062

High Pressure Injector Leakage Tester

→ **Features**

Up to 600Bar
 Compact Static tests adaptable to all Di and GDi injectors

WORKSHOPS

CRDi - EUi/EUP - HEUi - CRP
ENGINE - GDi - EFi - GDi Pumps

**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)



We always strive for Excellence & Innovation



Welcome
to an Innovation
Driven World

Product Catalog



**VIEW CZ Digital
Product Catalog**



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