



6 Fuel Injection Solutions

The efficient, cost-effective and proven workshop solution to bench test and service every gasoline fuel injector.

GS4

Systems Tested

Solenoid Direct Injectors
(G-Di, FSI...)

Multi-Port Fuel Injectors
(MPFi / SPFi)

Racing Application
Injectors*

Central-Port Fuel
Injectors (CSFI / CPFI)

Throttle Body Injectors
(TBI / CFI)

Continuous Injection
Injectors (K-Jetronic),

Marines Application
Injectors (E-TEC / FICHT)

Motorcycle Application
Injectors (Racing*)

LPG & Alternative
fuels Injectors





GS4

Bench for Testing & Ultrasonic
Cleaning up to 4 Fuel Injectors
Fully Automatic Function
Electronic Pressure Control 0-10Bar
Racing Injectors Capable*

Dynamic & Static iVM
Auto-iRF function
Injector Leak Test function
User-Friendly Design
Language Localization



BK Dynamic Electronic Mass Measurement

VT Analog Volumetric Measurement

DFAP Electronic Static Mass Measurement

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Features

iVM: Injection Volume Metering

Precise graduated led illuminated tubes are used for efficient diagnosis of uneven flow rates and weak or defective nozzle springs. Automatic drainage after each test. resolution 1ml, accuracy $\pm 1\text{ml}/130\text{ml}$

iSPC

Illuminated Spray Pattern Chamber used for visual diagnosis of correct injection

Ultrasonic Cleaning

Baths Available at sizes up to 120L* featuring:

42KHz frequency
Sweep technology*
Degas function*,
Controlled Heater and more...

iRF

Injector Reverse Flush Device used to remove all dirt remained inside injector body after cleaning with the use of Ultrasonics

eRSO

Electrical Resistance, Short Circuit & Open Circuit Test

0-10 Bar

Testing Capability of All Types of Injectors up to 10Bars Maximum.

GD Units are available for High Pressure Direct Injectors up to **850Bars**

Service & Repair

Increased exhaust emissions
Reduced engine performance (Power, Torque)
Increased fuel consumption
Poor drive-ability situations
Direct injection systems failure
(Leaks, Pressure drop)
Rough idle and periodic stall of the engine
Conditions that lead to long-term catalytic converter damage
Extended engine start-up
MIL - check engine light-up

** Available Optionals ** Future Updates*