

GDR //X

Gasoline Direct Injector Test Bench

The Affordable Gasoline GDi Workshop Solution

**Advanced Gasoline GDi Test Bench to
diagnose and service faults for All makers**

Overview of the New GDR-X

**Fast, Accurate and Reliable Gasoline
GDi Injector Testing**

[1] Injector Testing

5-7 minutes testing time per injector

- GDi (All Brands and Types)
- Capable for all EU6 technologies
- Capable for GDi Piezo (with Energy Controlled Signal)

450 Bar

**Standalone Air-Operated
Gasoline GDi Test Bench
For Workshops**



Features

- Xtremely Fast Testing Times without any Compromise
- New Design for every Service Station
- Optimized Working Area
- Pressurized Reverse Flush for Injectors
- Optimized Actuation Software for Ultrasonic Cleaning
- CloudX Capabilities
- IoT Cloud computing Platform - Industry 4.0 Complaint
- Live Response Time Measurement at every test plan
- Adaptability for every type of Gasoline GDi's in the market (optional)
- Ergonomic, Fast and Easy Injector Clamping device to minimize mounting times.
- Continuous Database updates and new Software capabilities to meet the market needs.
- Android Powered 10" HMI with unlimited flexibility and connectivity competencies.

WORKSHOPS



CRDi
EUI/EUP
HEUi
CRP
ENGINE
GDi
EFi
GDi Pumps

GDR //X Specifications

DESCRIPTION		UNIT	GDRiX (CZ-007094)
Machine Dimensions	Length	mm	510
	Width	mm	780
	Height	mm	780
Weight		kg	46
HMI	Tablet Touchscreen	Inches	10
Internet Update	WiFi / Ethernet	-	YES / YES
Pressure Source	Type	Air Driven High Pressure Pump (GxL-ISO)	
Test Oil	Type	Calibration Oil	
Test Oil Tank	Capacity	Liters	4
Max Pressure	Pressure	Bar	450
Max RPM	Max Revolutions Per Minute	RPM	-
Max Pumps	Pumps Test	Slots	-
Max Injectors	Test Injectors	Slots	1
HP Pump	High Pressure Pump	Type	Pneumatic Pump
LP Pump	Supply Pressure	Bar	-
Air Supply	Pressure	Bar	6 - 8
	Air Tank Capacity	Lt	200
	Air Flow	Lt/ Min	400
	Min Diameter at Air Supply Hose	mm	8
Main Power Supply	Air	Type	Water / Oil FREE
	Phases	Number	1
	Voltage	TYPE	1P+N
	Frequency	VAC	100 - 240
	Current	Hz	50/60
Operating Temperature	Current	Ampere	5
	Max Consumption	kVA (100V/240V)	0.5 / 1.2
IVM Sensors	Min / Max Room Temperature	Celsius	6 / 35
	Measurement Sensors	Type / Quantity	XKM / 1 *

MEASUREMENT SENSORS
XKM [Dynamic Meas. Sensor]: High Accuracy: ± 0.1%, Exceptional Repeatability ±0.05%, Measur. Range: 1-1000mm³/min
Volumetric Tubes [Static Analog Measurement]: Accuracy: 1ml, Measurement range: 0.5-65ml

APPLICATIONS
Pass Car/ Motorcycles: Volumes up to 120mm³/H
Light Duty: Volumes up to 200mm³/H
Medium Duty: Volumes up to 300mm³/H
Heavy Duty: Volumes up to 650mm³/H
Marines: Volumes up to 1500mm³/H

EXPLANATIONS
- : N/A
PRESSURE SOURCES
Air: Air Driven High Pressure Pump
Water: Motor Driven High Pressure CR Pump
External: Pressure coming from another test bench
Electr. Pump: Fuel Injection system or Industrial Application
Electrical Pump 12VDC
--: No Pressure Source



Scan CZ Digital
Product Catalog

Headquarters & Production
364 Varis-Koropiou Ave. Koropi
194 42 Athens, Greece

German Branch
A.I.S. GmbH
75438 Knittlingen, Germany

email contact@carbonzapp.com
tel +30 210 9856110
fax +30 210 9928655

carbonzapp.com