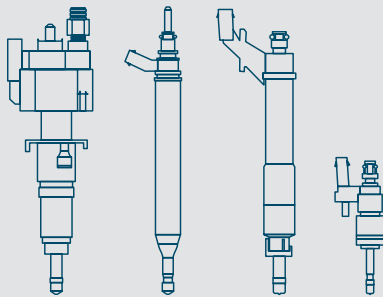


## **GDU4R //X**

**Gasoline System Test Bench**



**EU3 > EU6  
Technologies**

**The professional solution for  
workshops to test & service  
Gasoline Direct Injection Systems.**

## Overview of the GDU.4R-X

### Precise & repeatable Gasoline Injectors Testing

#### [4] Injectors Testing & Coding\*

- 20 minutes testing and coding\* time for 4 injectors
- GDi injectors (All Brands and Types)
- Conventional Gasoline EFi Injectors
- Capable for all EU6 technologies
- Coding Capable for all Types of GDi's (Energy Controlled or Volume Metering types)
- Flushing and Servicing options for GDi injectors

### SPECIALISTS

CRDi

EUI/EUP

HEUi

CRP

ENGINE

**GDi**

**EFi**

GDi Pumps

**650 Bar**

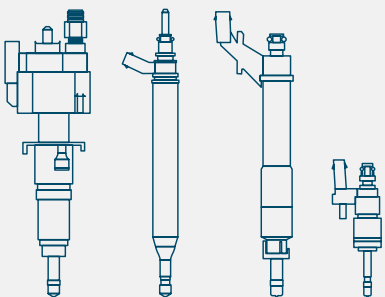
**4 GDi Injectors  
Capable**



Gasoline Direct Injection (GDi) requires high pressure testing to truly diagnose injector operation faults.



## AZO SOFTWARE



## EU3 > EU6 Technologies

## Features

Controls all Types and Makes of Injectors. Includes OEM Database and Test Plans

Low Pressure Testing for Conventional MPFi or Racing application Injectors 0-10Bar

Controls NEW Generation High Pressure GDi with multiple Step Current profiles

LPG for Heavy Duty Applications (Trucks, Commercial Vehicles)

Continental / Siemens GDi injectors (EU5) testing only with approved Energy Control

Nozzle reaction time measurement for all systems via RSP sensor

Dual System - Flushing / Cleaning system using detergents and Ultrasonics

Efficient Working Area with Protective Hood fully opening

The fastest and easiest clamping of injectors in the market

Fully Automatic and fast testing phase through a 10" Touchscreen HMI with AZO software

GDi Piezo Stack Regeneration function. The only way to correct GDi Piezo injectors after Cleaning them internally and reverse flushing them

Reverse flushing adapter and function with 25Bar pressure

Blue Limits Diagnosis for Specialists

Dynamic Electronic Mass (BK) Measurement

Prepared for Future Injector Coding

Emergency Safety Stop function

*\*New database and Coding is continuously being updated to new EU6 applications*

## SPECIALISTS

CRDi
EUI/EUP
HEUI
CRP
ENGINE
<b>GDi</b>
<b>EFI</b>
GDi Pumps

# GDU4R //X Technical Data

	Part Number	(CZ-008726)
	Standalone	●
	Add-On	-
TYPE	Test Bench	●
	Simulator / Controller	-
	Service / Diagnostic Unit	-
USER LEVEL	Diesel / Gasoline Specialists	●
	Workshop / Garage	○
	Test Slots [injectors / Pumps]	[4 / -]
SYSTEMS / [TESTING MINUTES]	CRDi / Smart Injectors [ 1 / 4 ]	-
	GDi Injectors [ 1 / 4 ]	● / [-/10]
	Gasoline Injectors [ 1 / 4 ]	□
	LPG / CNG Injectors [ 1 / 4 ]	□
APPLICATIONS	Passenger Car / HEV / PHEV	●
	Motorcycles	●
	Racing (Gasoline)	●
	Light Duty	●
	Medium Duty	-
	Heavy Duty / Industrial	-
	Marine	-
FEATURES	CloudX - (Page 06)	□
	Coding Capability for Passenger Car / Light Duty	□
MEASUREMENT SENSORS	XKM	-
	BK	1
	Volumetric Tubes	-
SYSTEM PRESSURE	Max (BAR)	650
	Source	AIR
CHARACTERISTICS	Response Sensor	□
	Response Sensor HD	-
	Spray Chamber	○
	Exclusive Electrical Connectors	○
	Mains Power 50/60Hz /1-Phase 100-250VAC	●
	Mains Power 50/60Hz /3-Phase/PE 380-480VAC	-
	Air-Supply (Bar / L/min)	● / (6.5/300)
	Air Cooling	●
	Tank Capacity [testing / flushing]	[5 / -]
	HMI (Inches)	10
	Touchscreen	●
	Flushing / MACC	-
	Protective Cover	●
	Calibration Oils	○
Ultrasonic Bath	○	
PACKAGING	Width (mm)	660
	Depth (mm)	770
	Height (mm)	800
	Weight (kg)	76

### EXPLANATIONS

- : Capable / Standard Equipped
- : Capable / Optionals required
- : Optional
- : N/A

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

**APPLICATIONS**  
Passenger Car/ Motorcycles: Volumes up to 120mm<sup>3</sup>/H  
Light Duty: Volumes up to 200mm<sup>3</sup>/H  
Medium Duty: Volumes up to 300mm<sup>3</sup>/H  
Heavy Duty: Volumes up to 650mm<sup>3</sup>/H  
Marines: Volumes up to 1500mm<sup>3</sup>/H

**PRESSURE SOURCES**  
Air: Air Driven High Pressure Pump  
Water: Motor Driven High Pressure CR Pump  
External: Pressure coming from another test Bench or external source  
Electrical Pump 12VDC  
---: No Pressure Source



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Product Catalog

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