

GDU4R //X

Gasoline System Test Bench

CloudX

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



INNOVATION DRIVEN



Engineering Forward Mobility Solutions!



GDU4R //X

Gasoline System
Test Bench

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650 Bar

4 GDi Injectors Capable

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



^{*}New database and Coding is continiously being updated to new EU6 applications



SPECIALISTS

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

A Revolution in GDi Test Benches

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









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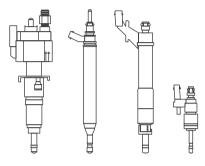
AZO SOFTWARE





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EU3 > **EU6** Technologies

GDU4R //X → SPECIFICATIONS

	DESCRIPTION	UNIT	GDU.4R X (CZ-008726)
Machine	Length	mm	620
Dimensions -	Width	mm	780
	Height	mm	740
Weight		kg	59
HMI	Tablet Touchscreen	Inches	10
Internet Update	WiFi / Ethernet	-	YES / YES
Pressure Source	Туре	Air Driven High Pressure Pump	
Test Oil	Туре	(GxL-ISO) Calibration Oil	
Test Oil Tank	Capacity	Liters	4
Max Pressure	Pressure	Bar	650
Max RPM	Max Revolutions Per Minute	RPM	-
Max Pumps	Pumps Test	Slots	-
Max Injectors	Test Injectors	Slots	4
HP Pump	High Pressure Pump	Туре	Pneumatic Pump
LP Pump	Supply Pressure	Bar	-
	Pressure	Bar	6.5-10
	Air Tank Capacity	Lt	250
Air Supply	Air Flow	Lt/ Min	400
	Min Diameter at Air Supply Hose	mm	8
	Air	Туре	Water / Oil FREE
	Phases	Number	1
Main	Phases	TYPE	1P+N
Power	Voltage	VAC	100 - 240
Supply	Frequency	Hz	50/60
Supply	Current	Ampere	5
	Max Consumption	kVA (100V/240V)	0.5 / 1.2
Operating Temperature	Min / Max Room Temperature	Celsius	6 / 35
IVM Sensors	Measurement Sensors	Type / Quantity	BK Coriolis / 1*



PRESSURE SOURCES
Air: Air Driven High Pressure Pump
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Air: Air Driven High Pressure Pump
Electr Pump: Fuel Injection system or Industrial Application Electrical Pump 12VDC
MEASUREMENT SENSORS
XKM (Dynamic Meas. Sensor): High Accuracy: ± 0,1%, Exceptional Repeatability ±0,05%, Measur. Range: 1-1000 ml/min
APPLICATIONS
APPLICATIONS
Passenger Car/ Matorcycles: Volumes up to 120 mm3/H
Light Duty: Volumes up to 200 mm3/H







CloudX is Carbon Zapp loT Cloud computing Platform.

Powerful innovations at your fingertips with CZ CloudX computing Platform

CZ CloudX computing technology Platform as a service (PaaS) is a complete environment in the cloud, with resources that enable clients the full control of their Bench with cloud based Apps access them over a secure Internet connection. With middleware, development tools, business intelligence (BI) services, database management systems and more.

CloudX allows clients to access live online updates of database, remote operation and status report of their bench. Generate remote reports for handling, printing, filling and organizing from machine database. Instant activation of features on a pay-as-you-go basis. Multiple machines management support. Complete machine cloud back-up and instant trouble shooting via X-Connect directly from CZ factory. Receive notifications on your smart devices for machine maintenance tasks like Oils, Filters, Service, and more.

Explore today new powerful innovations at your fingertips with CZ CloudX computing Platform.

7 INTRODUCTION

CloudX Features

IoT Cloud Platform Industry 4.0

Remote Operation and Status Report of Client Bench

Generating remote reports for handling, printing, filing and organizing from machine database Multiple machines management

Instant Activation of Features on a pay-as-you-go basis

Notifications on Client smart devices for machine maintenance tasks like Oils, Filters, Service, and more Complete machine cloud back-up

Instant troubleshooting via CX-Connex directly from CZ Factory

Live Online Updates of Database and supporting new requests from clients



EXPANDING CAPABILITIES

Space saving, accessory organizers for everyday tasks. Increased productivity and uncluttered space.



Extras



MTBR-X & PTBR-X









02. Hydraulic Hose Side Panel Pocket with Drain



Ultrasonic Shelf



for GTBR-X, ITBR-X,







9 EXPANDING CAPABILITIES



Carbon Zapp Trolley
Fully Configured Setup



CZ Base Trolley



Hose & Harness Side Organizer (max. 2 pcs per trolley)

Carbon Zapp Trolley



Ideal workshop organizer to fit most parts of the machine like harnesses, hoses, adapters, tools and flanges. Can be easily transformed to a Cambox and/or pump rack for easy transfer and storing.



CRp Flange Drawer Organizer (max. 1 pc per trolley)



(max. 2 pcs per trolley)









VIEW CZ Digital Product Catalog



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