

DSR //X

Diesel Common-Rail Injector Test Bench

The Affordable Diesel CRDi Workshop Solution

Advanced Diesel CRDi Test Bench,
to diagnose cars and light duty vehicles
of All Makes

Overview of the New DSR-X

Fast, Accurate and Reliable Diesel
CRDi Injector Testing

[1] Injector Testing

6-12 minutes testing time per injector

- CRi (All Brands and Types).
- Capable for all EU6 technologies such as VCC and NCC technology, iART, PCRS5 and more...
- CRIN Light Duty Vehicle injectors
- 1 Medium Duty CRDi injector

2000 Bar

**Standalone Air-Operated
Diesel CRi Test Bench
For Workshops**



CloudX™
CARBON ZAPP TECHNOLOGY

Features

Xtremely Fast Testing Times without any Compromise

New Design for every Service Station

Optimized Working Area

EU6 Systems Testing

CloudX Capabilities

IoT Cloud computing Platform - Industry 4.0 Complaint

Live Response Time Measurement at every test plan

Adaptability for every type of Diesel CRDi'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



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Technical Data

	Part Number	(CZ-008729)
	Standalone	●
	Add-On	-
TYPE	Test Bench	●
	Simulator / Controller	-
	Service / Diagnostic Unit	-
USER LEVEL	Diesel / Gasoline Specialists	○
	Workshop / Garage	●
	Test Slots [injectors / Pumps]	[1 / -]
SYSTEMS / [TESTING MINUTES]	CRDi / Smart Injectors [1 / 4]	● / [11]
	GDi Injectors [1 / 4]	-
	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	-
	Coding Capability for Medium/Heavy Duty	-
	Authorized Solutions	-
MEASUREMENT SENSORS	XKM	1
	BK	-
	Volumetric Tubes	-
SYSTEM PRESSURE	Max (BAR)	2000
	Source	AIR
CHARACTERISTICS	Response Sensor	□
	Response Sensor HD	-
	Pressurized Return Hoses / PIRV's	○
	Exclusive Return Hoses Kit	●
	Spray Chamber	○
	Heavy Duty Injector Adapters & Fittings	-
	Heavy Duty Pump Adapters & Fittings	-
	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/ 250
	Air Cooling	●
	Tank Capacity [testing / flushing]	[4 / -]
	HMI (Inches)	10
	Touchscreen	●
	Flushing / MACC	-
	Protective Cover	●
	Calibration Oils	○
	Ultrasonic Bath	○
	PACKAGING	Width (mm)
Depth (mm)		670
Height (mm)		810
Weight (kg)		40

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 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

● : Capable / Standard Equipped
 □ : Capable / Optionals required
 ○ : Optional
 - : N/A

PRESSURE SOURCES
 Air: Air Driven High Pressure Pump
 Motor: Motor Driven High Pressure CR Pump
 External: Pressure coming from another test Bench or external source
 Electrical Pump: 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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