
CRU2R //X

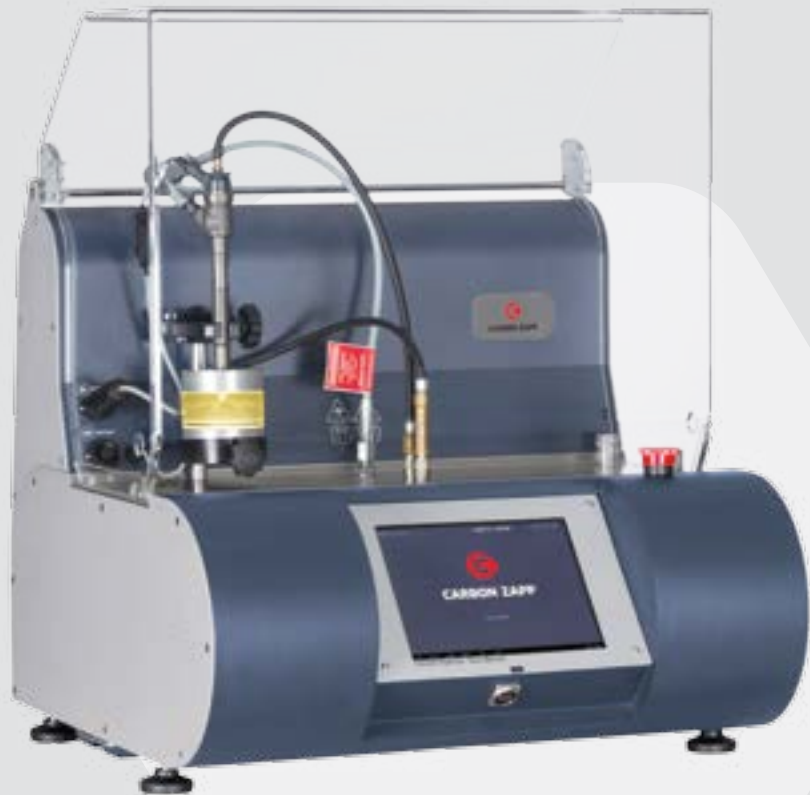
Diesel System Test Bench

The Affordable Diesel Specialists CRDi Solution

Service Station for All Makes Passenger Car, Light
and Medium Duty CRDi systems.

2500 Bar

**Standalone Air-Driven
Test Bench for 1 Diesel
CRDi Injector.**



**Authorized Solution
for Continental/VDO**



SPECIALISTS

CRDi

EUI/EUP

HEUi

CRP

ENGINE

GDi

EFi

GDi Pumps

Overview of the CRU2.R-X

Precise, repeatable and rapid Diesel Injectors Testing

[1] Injector Testing & Coding*

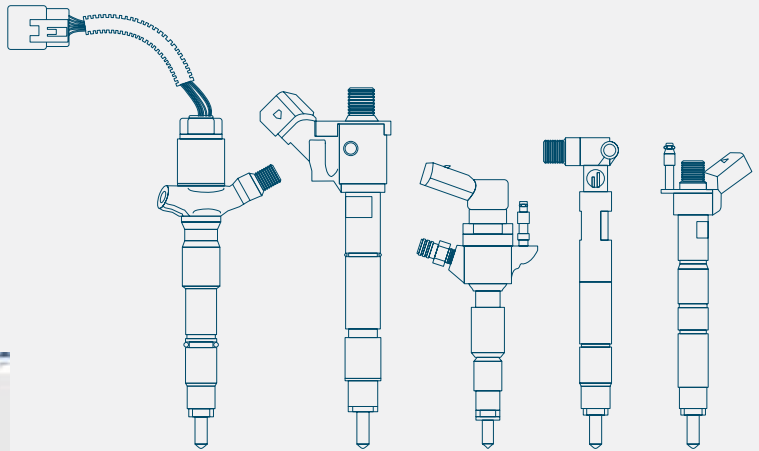
- 6-12 minutes testing and coding* time per injector
- CRi / CRiN injectors (All Brands and Types).
- Capable for all EU6 technologies such as VCC and NCC technology, iART, PCRS5, XPI and more...

CGL - Authorized Continental / VDO "Blind-Lift"
Measurement of Piezo-Stack



CloudX™
CARBON ZAPP TECHNOLOGY

CRDi Test Bench for Diesel Specialists & Workshops

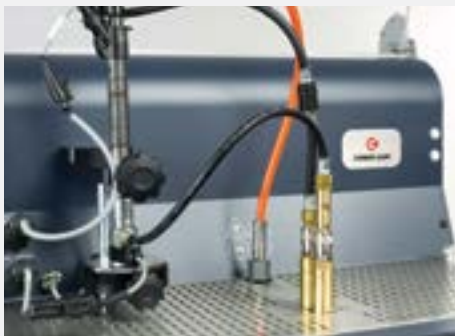


Passenger & Light Duty Systems

AZO SOFTWARE



TESTING WITH ILLUMINATED
SPRAY CHAMBER.



TESTING WITH RESPONSE MEASUREMENT
CHAMBER FOR CODING.

Features

- A Continental/VDO Authorized Test Bench
- Xtremely Fast Testing Times without any Compromise
- Modern Design for every Service Station
- Optimized Working Area to reduce Injector Set-up Times
- 2500Bar Operating Pressure
- EU6 Systems Testing and Coding

CloudX Capabilities


- Coding capability for all brands and types available in the market today. Bosch, Denso, Delphi, Continental / VDO, CAT
- Off-Highways CR applications testing and coding* (John Deere, Komatsu, Hino, Isuzu)
- Cummins XPI*, Caterpillar-Perkins C4/C6 and other Medium-Duty testing and coding

Diesel CRDI testing and coding

- Ergonomic, Fast and Easy Injector Clamping device to minimize mounting times.
- Fully Adjustable height for all types of CR injectors.
- Utilizes a spring-loaded injector holder to ease the operation of the user.
- Advanced self air-cooling system to optimize long term nonstop operation at all environmental conditions.
- Live Response Time Measurement for all injectors
- BIP Actuation Measurement for all Heavy-Duty type solenoids
- Adaptability for every type of Diesel Injectors in the market
- Continuous Database updates and new Software capabilities to meet the market needs.
- Android Powered 10 HMI with unlimited flexibility and connectivity competencies.
- Injector flushing feature pre-installed (optional kit available)

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

Technical Data

	Part Number	(CZ-008728)
TYPE	Standalone	●
	Add-On	-
USER LEVEL	Test Bench	●
	Simulator / Controller	-
	Service / Diagnostic Unit	-
SYSTEMS / [TESTING MINUTES]	Diesel / Gasoline Specialists	●
	Workshop / Garage	●
	Test Slots [injectors / Pumps]	[1 / -]
APPLICATIONS	CRDi / Smart Injectors [1 / 4]	● / [8]
	GDi Injectors [1 / 4]	-
	Gasoline Injectors [1 / 4]	-
	LPG / CNG Injectors [1 / 4]	-
FEATURES	Passenger Car / HEV / PHEV	●
	Motorcycles	-
	Racing (Gasoline)	-
	Light Duty	●
	Medium Duty	□
	Heavy Duty / Industrial	-
	Marine	-
MEASUREMENT SENSORS	CloudX - (Page 06)	□
	Coding Capability for Passenger Car / Light Duty	□
	Coding Capability for Medium/Heavy Duty	-
SYSTEM PRESSURE	Authorized Solutions	
	XKM	-
	BK	1
CHARACTERISTICS	Volumetric Tubes	-
	Max (BAR)	2500
PACKAGING	Source	AIR
	Response Sensor	□
PACKAGING	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)	-
	Water Cooling (requires connection)	6.5 / 350
	Air Cooling	●
	Tank Capacity [testing / flushing]	[4 / -]
	HMI (Inches)	10
	Touchscreen	●
	Flushing / MACC	-
	Protective Cover	●
	Calibration Oils	○
	Ultrasonic Bath	○
	PACKAGING	Width (mm)
Depth (mm)		770
Height (mm)		800
Weight (kg)		63

SPECIALISTS

CRDi
EUI/EUP
HEUi
CRP
ENGINE
GDi
EFI
GDi Pumps

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 300mm³/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
 -A: Air Cooling
 -W: Water Cooling

PRESSURE SOURCES
 Air: Air Driven High Pressure Pump
 Motor: Motor Driven High Pressure CR Pump
 Electric: Electric Driven From Analog Test Bench or external source
 Electric Pump: Fuel Injection system or Industrial Application
 Electrical Pump 12VDC
 --: No Pressure Source



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Product Catalog

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