

DIESEL injector equipment

Diesel Tech

CRU.2 The Common Rail
innovative testing solution

The unique, economic
and advanced way
to service injectors.



Automotive
Injection
Service
Solutions

- ▶ Piezo
- ▶ Solenoid
- ▶ Dual - Solenoid



CRU.2

application

CRI

CRIN

MDI

▶ Embedded Control Panel

- Up to 2200Bar
- 9 Multiple Injections (programmable)
- Piezo, Solenoid & Dual-Solenoid actuation
- Full Automatic
- Variable & Customizable Test-Plans
- Injector Database (expandable)
- Embedded Dual-Channel Oscilloscope
- Measurement of Injection response time
- Safety features
- Test Results
- Customer filing
- Touch screen LCD
- Linux based PC (Windows optional)
- On-display guide
- Upgradeable
- User-friendly
- Quality & robust

▶ Dual fluid-handling system

Filtered at 2microns for testing and cleaning injectors

▶ Spray Chamber

Illuminated & fumes-clear spray chamber. You can virtually see the multiple injections

▶ Injector Clamp

Ergonomic, fast & simple clamping with self positioning function

▶ Injection Volume Metering (IVM)

Precise and repeatable electronic measurement of discharged and returned volumes. The only Multiple Injection Metering (MIM) unit available today

▶ Wide range of adapters for all Commercial Vehicle injectors (CRIN)



Every workshop should have the opportunity with minimum cost and training, to diagnose diesel injector problems, fast and easy. Innovation is achieved when servicing of the injector is made possible.



Technical Specifications

CRU.2

● standard ○ optional ⊗ not applicable

Injector operating frequency (strokes in increments of 10)	30-10000
Injector pulse width (µs in 1 µs increments)	100-50000
Pulse Dwell Delay [up to 9 Multiple Injections] (µs in 1 µs increments)	100-50000
Programmable Injector Driving Volts (V / 0.1 step)	1-150
Programmable Injector Driving peak & hold Ampere function (A / 0.1 step)	1-35
Electronic Pump control and regulator with Digital indication (Bar)	0-2200 (Max)
Testing Tank and Cleaning tank Capacity (Lt) / Filtration (µm)	4 / 2
Purified Compressed Air Input (Bar)	3-10
Interface [HMI] / Linux OS	8.4" Touch LCD TFT
Clear High Pressure Protective cover	○
Component Clamping Diameter (mm)	10-40
Easy Access Emergency Stop Switch	●
Input power (Volts) / Max Power Consumption (Watt)	100-240 / 420
Operating Frequency (Hz)	50 / 60
Packaged Dimensions WxDxH (cm) / Weight (Kg)	70x90x90 / 75

Dimensions and weight values are subject to change without notice



**Automotive
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