

CRI-PC



CRI-PC Test Stand

The CRI-PC Test Stand has been designed to provide service workshops with a cost effective and flexible all makes Common Rail injector test platform that is quick to set-up and easy to use.

Available as either a single or four line configuration, the All Makes Common Rail Injector Test Stand can be adapted to suit service workshop needs with **Hartridge™** application kits whether that be “contract batch testing” or “over the counter” testing where the mix and quantity of injectors is unpredictable.

Main Features

- Controlled through Magma software and user interface.
- Manual and automatic operation.
- Create, edit and save test plans.
- View and print saved test plans.
- Incorporates semi-automatic injector clamping.
- Interlocked safety door and clear polycarbonate protective shield.
- Measures injector delivery.
- Measures injector coil resistance.
- Measures injector response time.
- Measures backleak flow and temperature (option).

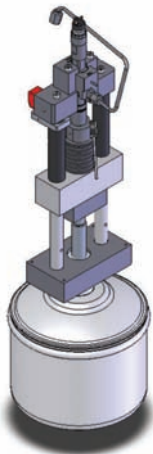


Figure 4 Pneumatic Clamping



Figure 2 CRI-PC Control Box

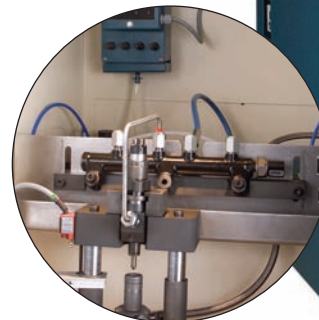


Figure 3 Inside of the CRI-PC



Figure 1 CRI-PC Test Stand

Screen Display

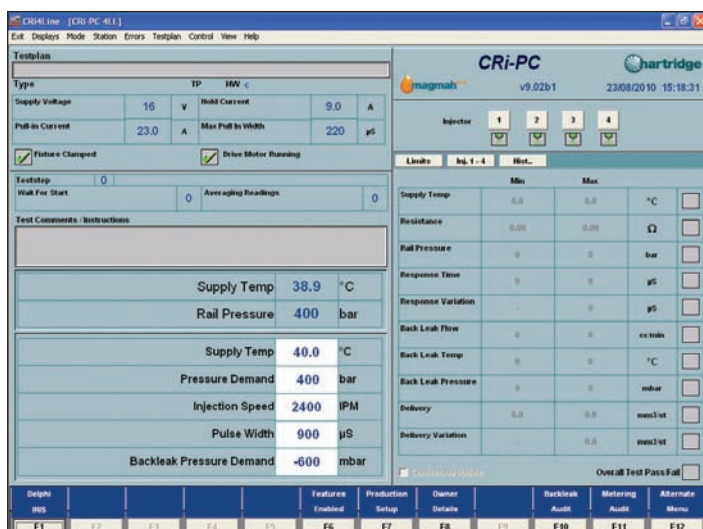


Figure 5 CRI-PC screen display.

Benefits

- Tests Bosch, Delphi, Denso and Continental injectors.
- Tests up to 4 injectors at any one time.
- Modular kit structure – only purchase the applications you need.
- Pneumatic clamping.
- Fast diagnosis of faulty injectors.

Technical Specification

- Rail pressure control: closed loop control using a high pressure pump.
- Injector control: generic current, voltage, and pulse width settings are supplied for existing Bosch, Delphi, Denso and Continental injectors.
- Injector delivery measurement.
- Injector coil resistance measurement.
- Injector response time measurement.
- Backleak flow and temperature measurement (option).

Additional Accessories

- HK901 Backleak Measurement Unit.
- HK901-P Pressurised Backleak Measurement Unit.
- Injector cables*.
- Nosepiece adaptors*.
- Clamp blocks*.
- HP pipes (rail to injector)*.
- Backleak adapters*.
- HK811 Printer

*Please refer to the All Makes Common Rail Injector Test Application Coverage & Parts Matrix available from your local **Hartridge™** distributor.



Figure 6 HK901 Backleak Measurement Unit

Ordering

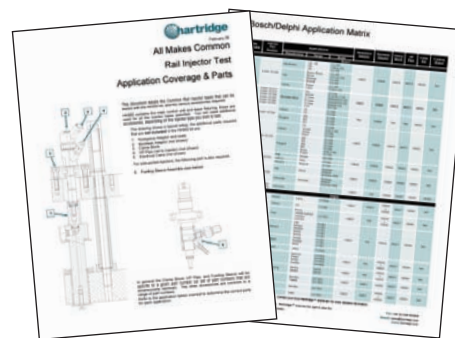
CRi-PC Typical order code: CRi-01A-BP					
VARIANTS:		OPTIONS:			
MODEL	VOLTAGE	Factory fitted			
CRi-01 Single Line Injector		Backleak Standard All Makes	-OR-	Delphi Authorised	Printer
	A: High Voltage 380 - 480 Volt - 3ph			Including HK901 - P	
		B	-OR-	C	P
CRi-04 Four Line Injector	B: Low Voltage 200 - 240 Volt - 3ph				
		HK901		Retrofit Kits HJ044 or HJ044A	HK811

Application Kits*

HK9xx/C Single line

HK9xx Four line

*Please refer to the All Makes Common Rail Injector Test Application Coverage & Parts Matrix available from your local **Hartridge™** distributor.



Complementary Products



Figure 7 IFR-50 Flushing Rig



Figure 8 HM1000DHT
Microdiesel Clean Cabinet

IFR-50 Flushing Rig

Flushes injectors to ensure best test results and help protect the metering unit of your test equipment.

HM1000DHT Microdiesel Clean Cabinet
HM1003 to 5 Ultrasonic Tanks
HM1009 Rinse Tank



As recommended by OEM's, provides a clean working area & cleaning equipment for workshops.

Contact your local **Hartridge™** distributor
for more detailed information or visit
www.hartridge.com



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Continuous development is taking place. **Hartridge™** reserves the right to alter the design and/or specification without prior notice.

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