

CRI-PC



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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 Magmah 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).

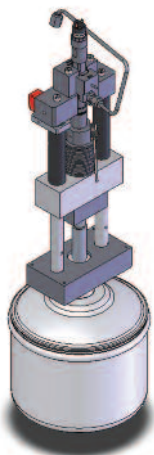


Figure 4 Pneumatic Clamping



Figure 2 CRI-PC Control Box

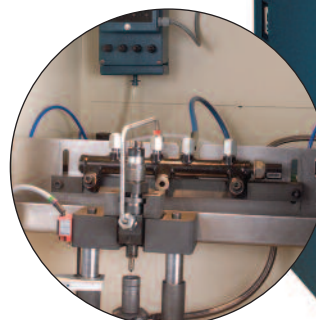


Figure 3 Inside of the CRI-PC



Figure 1 CRI-PC Test Stand

Screen Display

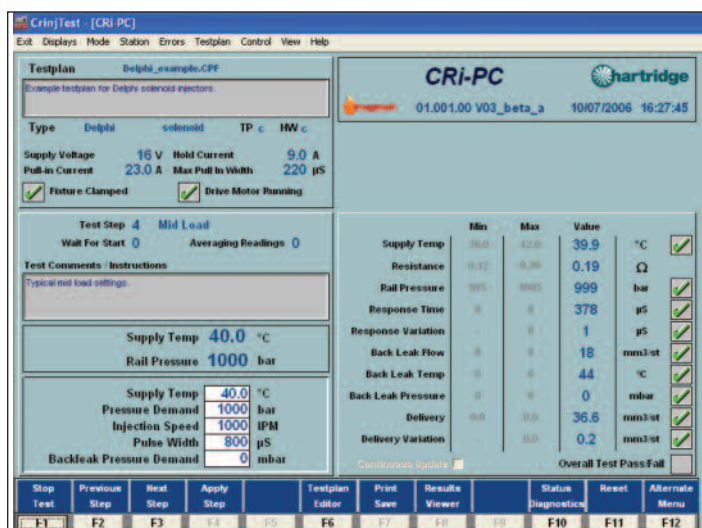


Figure 5 CRI-PC screen display.

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



Figure 6 HK901 Backleak Measurement Unit

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

Ordering

CRi-PC					
Product Code	Cyl	Volts	All Makes Backleak Option	Pressurised Backleak Option	Printer Option
CRi-01A	Single	380-480	N/A	N/A	N/A
CRi-01A-B	Single	380-480	HK901	N/A	N/A
CRi-01A-C	Single	380-480	N/A	HK901-P	N/A
CRi-01A-P	Single	380-480	N/A	N/A	HK811
CRi-01A-BP	Single	380-480	HK901	N/A	HK811
CRi-01A-CP	Single	380-480	N/A	HK901-P	HK811
CRi-01B	Single	200-240	N/A	N/A	N/A
CRi-01B-B	Single	200-240	HK901	N/A	N/A
CRi-01B-C	Single	200-240	N/A	HK901-P	N/A
CRi-01B-P	Single	200-240	N/A	N/A	HK811
CRi-01B-BP	Single	200-240	HK901	N/A	HK811
CRi-01B-CP	Single	200-240	N/A	HK901-P	HK811

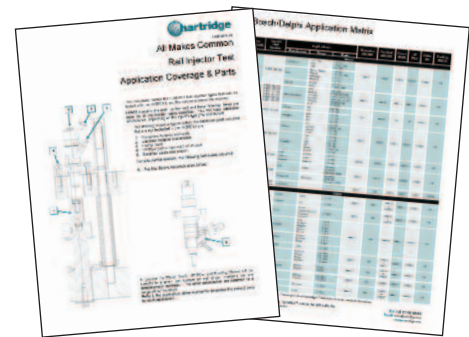
CRi-PC					
Product Code	Cyl	Volts	All Makes Backleak Option	Pressurised Backleak Option	Printer Option
CRi-04A	Four	380-480	N/A	N/A	N/A
CRi-04A-B	Four	380-480	HK901	N/A	N/A
CRi-04A-C	Four	380-480	N/A	HK901-P	N/A
CRi-04A-P	Four	380-480	N/A	N/A	HK811
CRi-04A-BP	Four	380-480	HK901	N/A	HK811
CRi-04A-CP	Four	380-480	N/A	HK901-P	HK811
CRi-04B	Four	200-240	N/A	N/A	N/A
CRi-04B-B	Four	200-240	HK901	N/A	N/A
CRi-04B-C	Four	200-240	N/A	HK901-P	N/A
CRi-04B-P	Four	200-240	N/A	N/A	HK811
CRi-04B-BP	Four	200-240	HK901	N/A	HK811
CRi-04B-CP	Four	200-240	N/A	HK901-P	HK811

Application Kits*

HK9xx/C Single line

HK9xx Four line

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Complementary Products

HH701 Testmaster 3
HK850 Bosch Signal Box
HK851 Denso Signal Box
HK852 Delphi Signal Box
HK853 Continental Signal Box



Allows quick solenoid and spray pattern check for standard and CR Injectors.

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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