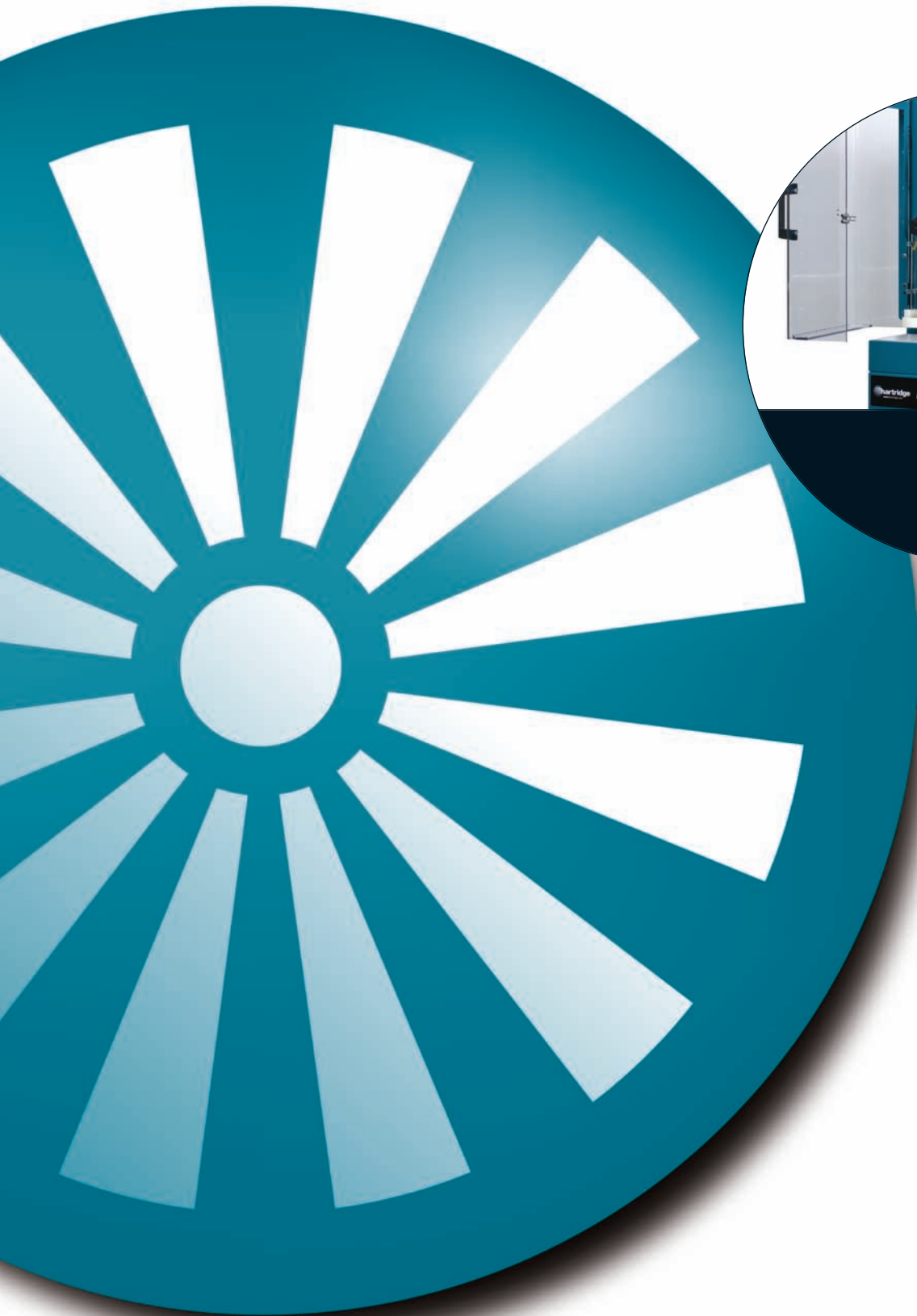


# Injector Function Test

## IFT-70



# Injector Function Test IFT-70

The IFT-70 has been designed to provide all levels of workshop, from vehicle garages to diesel workshops, with the ability to perform a simple and quick diesel injector diagnostic. The IFT-70 can be used either as part of a vehicle diagnostic in a garage workshop or as part of a full injector test, diagnosis and repair program within a diesel specialist when used in conjunction with **Hartridge** AVM or CRi-PC products.

## Injector Function Test IFT-70

- 0 to 700 Bar
- Spray Chamber for spray pattern observation
- Injection graduate 10ml – 158ml
- Backleak graduate 10ml – 158ml
- Graduate drain facility (semi-automatic)
- Fume extraction
- Simple injector fixture for:
  - Different injector sizes
  - Change between spray pattern & measurement modes
  - No adaptors required for standard injectors
- Side port adaptor required for specific applications
- Flexible high pressure pipe connection
- Includes IFT-controller as standard
- Optional:
  - Ultrasonic cleaner (IFT-u)
  - Nozzle opening pressure for non CR injectors (IFT-n)



## Module IFT-c

- Integrated with IFT-70
- Controls IFT-70 and safety interlocks
- Injector driver profiles:
  - Delphi, Denso and Bosch Solenoid
  - Continental and Bosch Piezo
- Injection per minute 0 – 3000 with increments of 100
- Pulse Width: 100 to 3000 microseconds
  - 100 microsecond increments
- Shot Count: 10 – 1000
  - 10/20/50/100/200/500/1000
- Timer for backleak measurement
  - Injection per minute = 0
- Timed Operation: 10 – 120 seconds
  - (10 second increments)
- Standalone version available for use with HH701 & HH705



## Module IFT-n

\*Optional Nozzle opening pressure display

- Software / hardware upgrade
- For use with:
  - Traditional single stage injectors
  - EUI Nozzles (when used with Hartridge adaptors)
- Displays NOP on IFT-c display
  - 1 bar resolution +/- 1% fs
- Spray pattern assessment in spray chamber

## Module IFT-u

\*Optional Ultrasonic Tank

- Integrates with IFT-70
- 1.5 litre capacity 150 x 140 x 100mm deep
- Exterior dimensions 180 x 160 x 190mm high
- 150 watt heater
- Timer 0 to 15 minutes
- Injector stand
- Uses standard Hartclean fluid
- Available as a stand alone unit



Contact your local **Hartridge™** distributor for more detailed information or visit

[www.hartridge.com](http://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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