

MULTIBRAND TEST

DIESEL HEUI INJECTORS



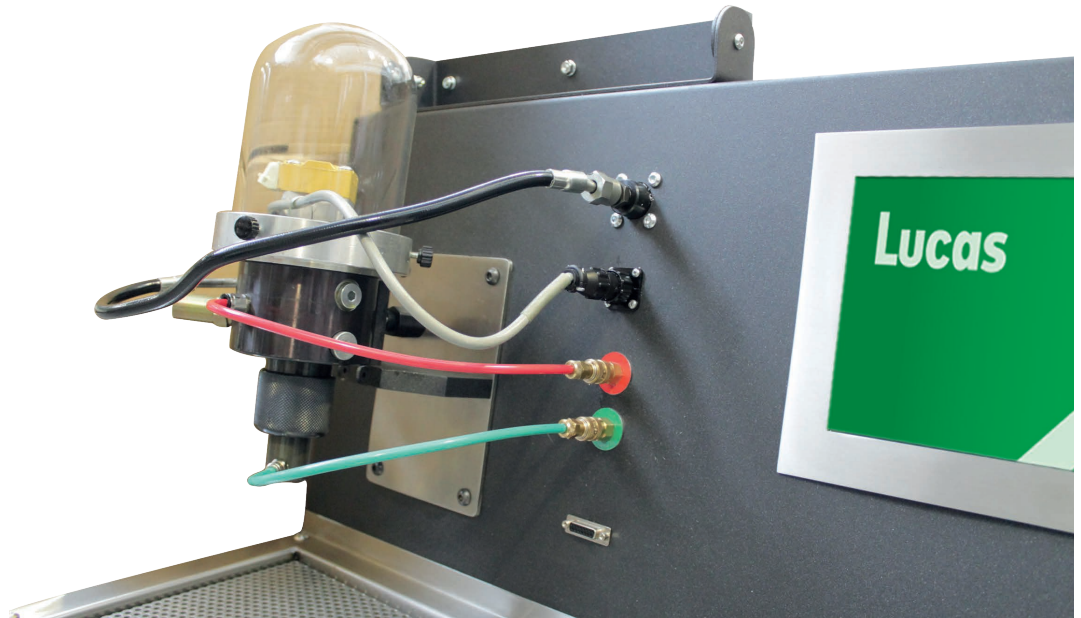
- **Multibrand tests** for HEUI Injectors
- High precision **digital flow meter system**
- **Cooling system** included

EDT 316

SPECIALIZED TEST BENCH FOR DIESEL HEUI INJECTORS

EDT 316

SPECIALIZED TEST BENCH FOR DIESEL HEUI INJECTORS OF ALL BRANDS



HEUI injector repair expert

HEUI technology is in **continuous evolution**. Many years have passed and workshops are still looking for the most effective way to test and repair HEUI Hydraulic Electric Unit Injectors while remaining competitive. Every year it gets harder. Injectors are becoming more and more sophisticated and repairs take longer. You need more know-how and skills. Here at Lucas Diesel **we've decided to concentrate our efforts of creating cutting edge equipment**.

Our **HEUI Tester is easy-to-use** at every stage of the job so any technician, even if new to HEUI technology, can test these injectors properly, with the added benefit of having the latest settings readily available for the next generation as injectors evolve.

Our engineering department designed this equipment in line with the latest developments in HEUI technology. This test bench is automatic and, thanks to the computerised controls, offers all the necessary **flexibility to adapt to any future developments**.

When testing an injector, the technician can automatically run a full test cycle, select single steps manually, decide not to run some steps of the test, or stop testing an injector in the case of an error.

Testing HEUI injectors can be a terrible job. Once you've got them off the engine, a lot of liquid is sprayed during testing and it can be difficult to limit dispersion.

On our test bench, thanks to the Plexiglas guard and our special

adapter, the fluid is sprayed towards the bottom of the test chamber and flows directly into the tank.

Our adapters make HEUI tests clean, easy and safe for the workshop, without wasting liquids. Many HEUI injectors are designed for a fast test setup. This makes it possible to use a 22 l tank.

Accuracy in HEUI tests to a great extent depends on the effectiveness of the temperature control and the injector control technology used. The **HEUI Tester makes temperature control easy, without the need for costly water cooling systems.**

With perfect temperature control, tests can be run for long periods, whatever the time of day.

APPLICATIONS



CARS



LIGHT COMMERCIAL



HEAVY COMMERCIAL



AGRICULTURAL



MARINE

EDT 316 - LDFT1192

EQUIPMENT COMPOSITION

STANDARD ACCESSORIES

REF.	
LDFT1193	ADAPTER FOR HEUI CAT C7 - C9 INJECTOR
LDFT1194	ADAPTER FOR HEUI CAT (Ø 7 - Ø 8.5) INJECTOR
LDFT1195	PLEXIGLAS GUARD

TECHNICAL SPECIFICATIONS

DRIVE SYSTEM	
MOTOR	3 PHASE 400 VAC or 220 VAC 50/60 HZ, 16 A
POWER	5 kW

MEASURING SYSTEMS	
MEASUREMENT SYSTEM	Tolerance repeatability 1%
TECHNOLOGY	<ul style="list-style-type: none"> Electronic measurement of quantities Precise measuring technology Volume measurement in mm³/pulse

FEED SYSTEM	
OIL TANK	22 l
REFRIGERATION	Built-in cooling system - no water required
PRESSURE CONTROL	<ul style="list-style-type: none"> Operating pressure adjustable from: - 20 to 300 bar Injected fuel pressure check: - Set to 3 bar The pressure is measured digitally and displayed on the tablet
FILTRATION	Capacity up to 5µ

COMPUTING SYSTEM	
OPERATING SYSTEM	Microsoft Windows 10
SOFTWARE	HEUI intelligent software installed
SCREEN	High Performance 10.1' Tablet
MENU	Interactive, multi-language, easy-to-use
CONNECTIONS	WI-FI, Bluetooth connection and microSD, HDMI
SUPPORT	Remote TeamViewer, Skype & WhatsApp support and assistance

OPERATION SYSTEM	
	<ul style="list-style-type: none"> Quick clamping, ergonomic, strong and simple Pulse amplitude: 50 - 12000 µs Pressure generated by one CP3 Injection pump Test program selection: Automatic/Semiautomatic/Manual/Mixed

OPTIONAL ACCESSORIES

REF.	
LDFT1196	PIEZO ADAPTER

PERFORMANCE	
	<ul style="list-style-type: none"> Number of injections measured at: <ul style="list-style-type: none"> - Min. load - Max. load - Poppet valve leak test Coil diagnostics (with graph) Print final or intermediate reports Check response time (Optional)

DIMENSIONS	
HEIGHT	840 mm
WIDTH	800 mm
DEPTH	755 mm
VOLUME	1.2 m ³
WEIGHT	170 kg
SAFETY DOOR	<ul style="list-style-type: none"> Protective Plexiglas movable spray guard Motor shuts down immediately as soon as Plexiglas guard is opened

INFORMATION SYSTEMS	
MULTIBRAND	All brands
TEST RECORDS	<ul style="list-style-type: none"> Print report with easily understandable reference values Create and save custom Test Plans using the create Test Plan function
SETTINGS	Personalised data tables
UPDATING	Periodic updates
DATABASE	<ul style="list-style-type: none"> OE & custom for all makes Caterpillar 3126A 7.2L Caterpillar 3126B 7.2L Caterpillar C7 7.2L Caterpillar C9 8.8L

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