

LUCAS DIESEL SYSTEMS, THE FOUNDATION OF YOUR SUCCESS.

In order for today's garages to have the best professional service, **Lucas Diesel Systems offers you the most comprehensive solution:** spare parts, testing equipment, full training, technical support and assistance.



SPARE PARTS

- Wide range of multibrand products
- The largest catalogue in the market, with over 10,000 spare parts and 2,000 reman products
- Spare parts available exclusively for the new products that form part of the latest diesel systems on the market
- Over 145 years of history guarantee our Lucas brand, offering products featuring exceptional technology and innovation throughout the world

TESTING EQUIPMENT

- For all brands
- Suitable for each type of garage
- Plug & Play
- Easy use
- Automatic, semi-automatic and/or manual work programme
- Maximum quality and precision
- Approved tests
- Permanent updating online

COMPREHENSIVE TRAINING

- Training experience at the highest level, tailored to each garage
- Extensive programme of courses on the latest diesel technology
- Theoretical and practical training in small groups
- E-learning
- Professional technical, expert and qualified teachers

TECHNICAL HELPLINE

- E-Lucas Troubleshooting
- Direct technical support and assistance
- Fast and professional analyses, diagnoses and solutions
- Technical experts on hand
- Coverage of all brands and manufacturers
- Greater output for your business

Trust **Lucas**

EUROPE

UK - Unit 8 Mainstream Way - 47 Mainstream Way
B7 4SN - Saltley - Birmingham

SPAIN - Pol. Ind. Morea Sur, 59 - 31191 Beriain - Navarre

ITALY - Via F. Filzi, 15 - 20032 Cormano - Milan

NORTH AMERICA

USA - Southfield Town Center - 1000 Town Center - 7th floor
48075 Southfield - Detroit - Michigan

CENTRAL AMERICA

PANAMA - Boulevard Costa del Este
Financial Park Tower - Planta 20 - Costa del Este - Panama City

SOUTH AMERICA

BRAZIL - R. Augusta, 1939 - 2nd floor - Room 22 - Cerqueira Cesar
01413-000 - São Paulo - SP

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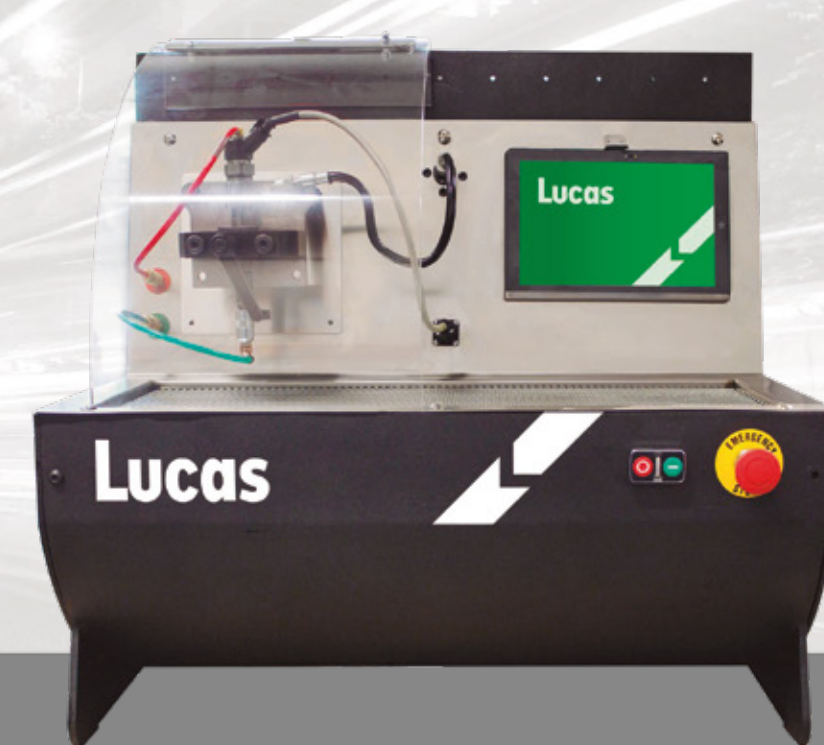
Lucas

Lucas Diesel Systems

MULTIBRAND TEST

COMMON RAIL INJECTORS

COMMON RAIL PIEZO INJECTORS



- **Pressure up to 2,700 Bar**
- **Multibrand tests** for Electromagnetic and Piezoelectric Common Rail Injectors
- **Delphi, Denso, Bosch and Siemens coding**
- **Detroit DD15 – 4 Pin dual coil Injectors test**
- High precision **digital flow meter system**
- **Cooling system** included

EDT 315+

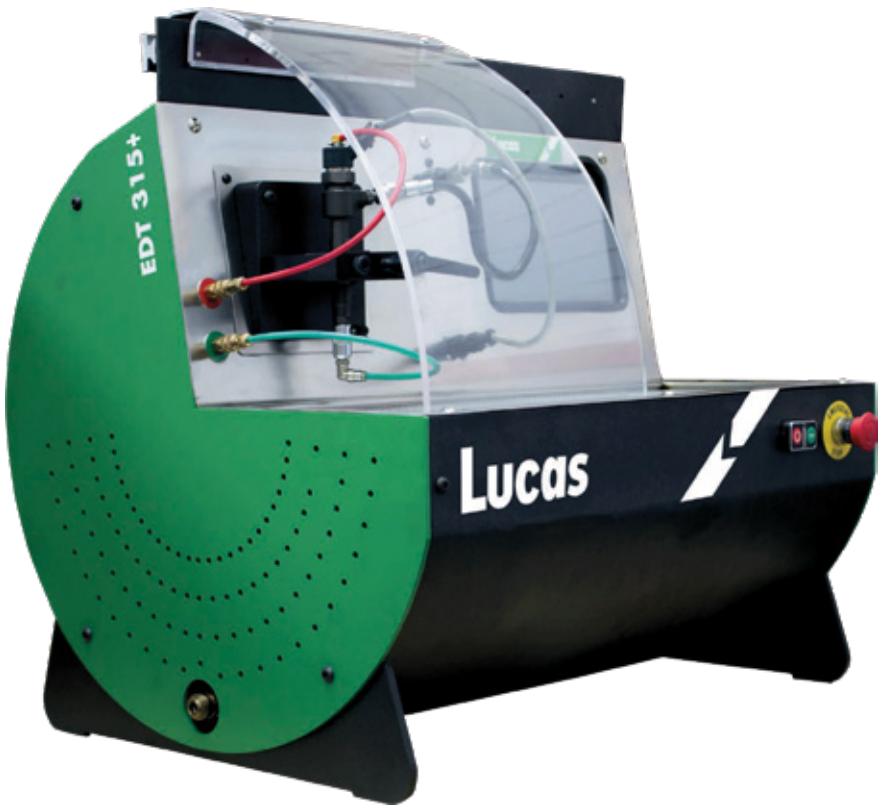
**SPECIALIZED TEST BENCH FOR COMMON RAIL INJECTORS
& PIEZO INJECTORS**



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Trust **Lucas**

EDT 315+
SPECIALIZED TEST BENCH FOR
COMMON RAIL & PIEZO INJECTORS



The modern design of the test bench enables the diesel systems specialist to EDT 315+ check any brand of Common Rail injector, including piezoelectric systems.

The tests are performed within a **programme of automatic unitary tests**, in which the functions as well as the performance of the product are tested, always in accordance with the original specifications of the manufacturers. **All of the test records are approved by the Lucas Diesel Systems Quality Department**, additionally guaranteeing the **fulfilment of the applicable regulations on pollution**.

Once the tests have been completed, and in the event that the results are not satisfactory, **Lucas software will offer you technical support and assistance** to repair the injector and correct the values submitted.

Thanks to the ongoing development of **test records for all of the systems** and the generation of **new accessories**,

the **EDT 315+** is equipped to meet any market requirements, and the new records can be **updated onto the test bench directly over the internet**.

In addition, with an easy to **use, intuitive, interactive and dynamic system**, the diesel specialist can perform tests on the components **quickly and efficiently**, therefore gaining a **lot of profitability for your business**.

The **EDT 315+** offers **great advantages, which make it possible to enjoy silent operation a low level of maintenance and excellent durability**.

All of the **Lucas Diesel Systems** testing equipment is designed with a strong commitment to **environmental care and to guarantee the minimum risk for the diesel specialist professional**.

EQUIPMENT
COMPOSITION

EDT 315+ - LDFT1850



EQUIPMENT

REF.	
	CRI BOSCH CR INJECTORS KIT
	DELPHI CR INJECTORS KIT
	CRI DENSO CR INJECTORS KIT

ACCESSORIES

REF.	
LDFT1146	CABLE - 4 PIN DENSO INJECTORS TEST
LDFT1147	CABLE - DF11.5 DELPHI INJECTORS TEST
LDFT0054	MACK RENAULT Ø 24 mm INJECTORS TEST KIT
LDFT0056	ACTROS Ø 26 mm INJECTORS TEST KIT
LDFT0057	MAN Ø 29 mm INJECTORS TEST KIT
LDFT0066	MAN Ø 29 mm H.53.50 INJECTORS TEST KIT
LDFT0058	MACK RENAULT Ø 27.5 mm INJECTORS TEST KIT
LDFT0059	RENAULT PREMIUM 420 CV Ø 32 mm INJECTORS TEST KIT
LDFT0055	CUMMINS Ø 26 mm INJECTORS TEST KIT
LDFT0061	DENSO Ø 27 mm INJECTORS TEST KIT
LDFT0062	DENSO Ø 23.5 mm INJECTORS TEST KIT
LDFT0063	MAN Ø 26 mm INJECTORS TEST KIT
LDFT0099	PIEZO ADAPTER (FOR CODING)
LDFT1107	CODING - DELPHI C2I
LDFT1139	CODING - DELPHI C3I
LDFT1105	CODING - DENSO
LDFT1104	CODING - BOSCH
LDFT1209	CODING - SIEMENS

REF.	
	SIEMENS CR INJECTORS KIT
	BOSCH PIEZO CR INJECTORS KIT

REF.	
LDFT0060	FIAT TECTOR Ø 26 mm INJECTORS TEST KIT
LDFT0064	VOLVO-DEUTZ Ø 24.5 mm INJECTORS TEST KIT
LDFT0065	DENSO Ø 32 mm INJECTORS TEST KIT
LDFT0067	DENSO Ø 27.0-28.5 mm INJECTORS TEST KIT
LDFT0068	PERKINS Ø 19.5 mm INJECTORS TEST KIT
LDFT0069	SIEMENS FORD PIEZO Ø 27 mm INJECTORS TEST KIT
LDFT0070	CR DEUTZ Ø 21 mm INJECTORS TEST KIT
LDFT0071	SCANIA/CUMMINS XPI-ISX INJECTORS TEST KIT
LDFT0072	MAN-DAEWOO INJECTORS TEST KIT
LDFT0073	BOSCH 4 PIN MERCEDES Ø 35 mm INJECTORS TEST KIT
LDFT1149	MERCEDES-MITSUBISHI FUSO INJECTORS TEST KIT
LDFT1150	RAPID NOZZLE CONNECTOR D.9 mm

TECHNICAL
SPECIFICATIONS

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

MEASUREMENT SYSTEM	
MEASUREMENT SYSTEM	Tolerance repeatability 1%
INJECTION TIME MEASUREMENT	Nozzle response time sensors (Optional)

FEED SYSTEM	
OIL TANK	10 l
REFRIGERATION	Integrated refrigeration system: without water – without air
MAXIMUM PRESSURE	2700 Bar
FILTRATION	Capacity up to 3µ

COMPUTING SYSTEM	
OPERATING SYSTEM	Microsoft Windows 10
SOFTWARE	HAWK
SCREEN	10.1" touchscreen
CONNECTIONS	Wi-Fi, Bluetooth, microSD and HDMI

OPERATION SYSTEM	
<ul style="list-style-type: none">Nozzle and return leak testsMeasurement of injection quantity at:<ul style="list-style-type: none">- Pre-injection (VE)- Idle speed (LL)- Emissions (EM)- Full load (VL)Diagnosis of electrical coil and its condition (graph on monitor)Minimum opening pressure detection (Optional)Minimum opening time detection (Optional)Detection of response time (Optional)Detection of lack of spray (Optional)	

DIMENSIONS	
HEIGHT	870 mm
WIDTH	1,010 mm
DEPTH	770 mm
VOLUME	0.7 m³
WEIGHT	170 kg
BODY CONSTRUCTION	Nickel-plated iron
SAFETY DOOR	<ul style="list-style-type: none">Transparent plexiglas protectorImmediate stoppage of the motor if opened

INFORMATION SYSTEMS	
MULTIBRAND	All brands
TEST RECORDS	<ul style="list-style-type: none">Generation and storage of test recordsPrinting of reports with reference values
SETTINGS	Personalised data tables
UPDATING	Via the internet
SOURCES	Original specifications from the manufacturers

APPLICATIONS	
	CARS
	LIGHT COMMERCIAL
	HEAVY COMMERCIAL
	AGRICULTURAL