

## 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
- Over 140 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 in automobile technology
- Theoretical and practical training in small groups
- Formación e-learning
- Professional technical, expert and qualified teachers
- Courses endorsed by the IMI (Institute of the Motor Industry)

### 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

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### EUROPE

**UK** - Chichester Road - Ponswood Ind. Estate  
TN38 9BG - ST Leonards-On-Sea - East Sussex

**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 - Suite 725  
48075 Southfield - Detroit - Michigan

### CENTRAL AMERICA

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

### SOUTH AMERICA

**BRAZIL** - Rua Gastão Vidigal, 370 -13570-655 - São Carlos - SP



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## MULTIBRAND TESTING

COMMON RAIL PUMPS



EDT 200

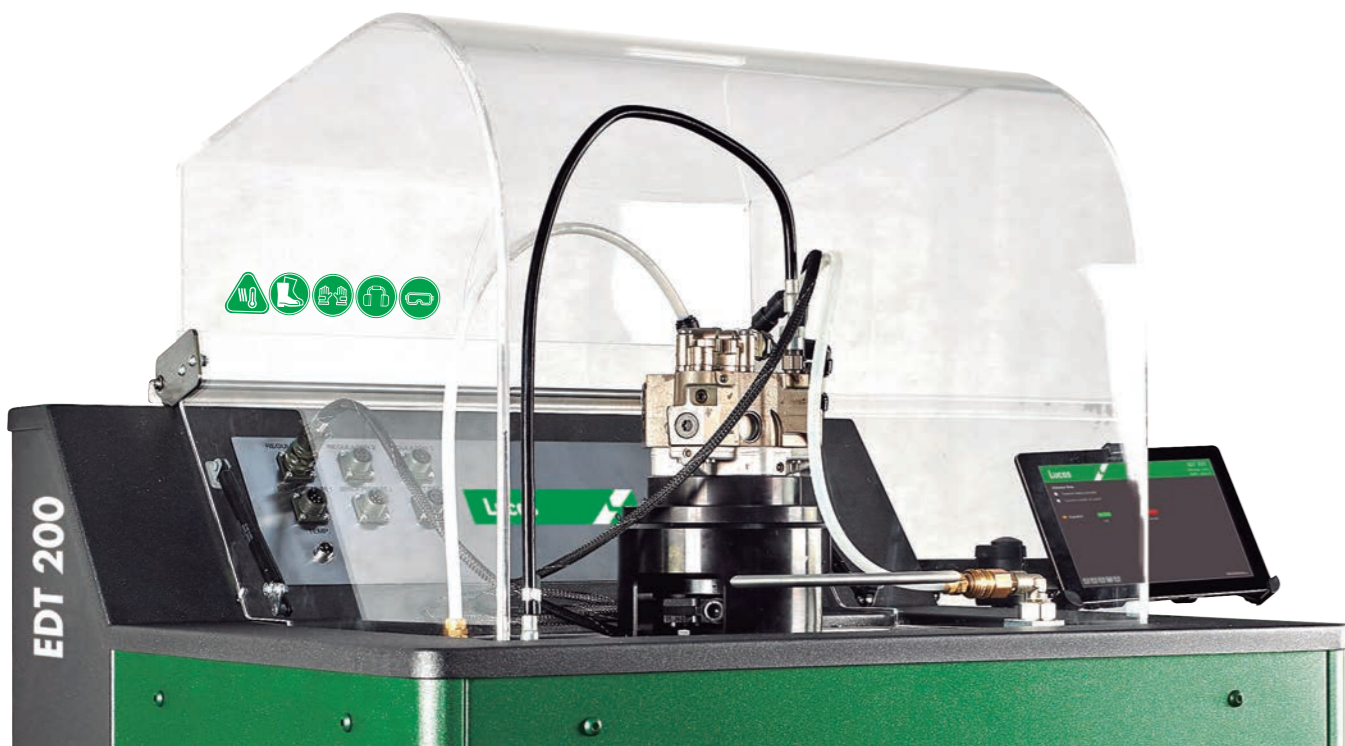
SPECIALIZED TEST BENCH FOR COMMON RAIL PUMPS

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## EDT 200 SPECIALIZED TEST BENCH FOR ALL BRANDS OF COMMON RAIL PUMPS



The modern design of the test bench enables the diesel systems specialist to efficiently check any brand of Common Rail pump.

The tests are performed within an **automatic operation programme**, 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**.

Thanks to the ongoing development of **test records for all of the systems** and the generation of **new accessories**, the EDT 200 is equipped to meet any market requirements, and **any new records can be directly downloaded onto the test bench, over the internet**.

The high **precision of the measurement system** and the stability of the number of rotations of the motor guar-

antee **extraordinary repeatability**, which ensures the **excellent quality of the tests**.

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 200** offers great advantages, which make it possible to enjoy **silent operation at the highest level of performance**, with 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 200 - LDFT0007



### EQUIPMENT

REF.	
	SAME FAMILY TYPE CR PUMPS KIT BOSCH CP1 0 445 020 002
	SAME FAMILY TYPE CR PUMPS KIT BOSCH CP3 0 445 010 699
	SAME FAMILY TYPE CR PUMPS KIT DELPHI DFP1 R9044Z013A
	SAME FAMILY TYPE CR PUMPS KIT DELPHI DFP3 9421A000A
	SAME FAMILY TYPE CR PUMPS KIT DENSO HP3 22100-0G010
	SAME FAMILY TYPE CR PUMPS KIT SIEMENS PSA 5WS40018

### ACCESSORIES

REF.	
LDFT1141	BOSCH CP4 CR PUMPS KIT
LDFT0075	BOSCH CP353 CR 0445020075 KIT
LDFT1142	CONTINENTAL/DELPHI PUMP CLAMP
LDFT1143	DELPHI 28265176 PUMP CLAMP
LDFT1144	VDO 5WS40565 PUMP CLAMP
LDFT1145	VDO 5WS40844 PUMP CLAMP
LDFT0359	MERCEDES-SIEMENS CR 8 mm PUMP COUPLING
LDFT0360	FIAT MULTIJET CR 9 mm PUMP COUPLING
LDFT0361	DENSO FORD-FIAT CR 10 mm PUMP CLAMP COUPLING
LDFT1160	COUPLING WITH EXTRACTOR 18x1.5 H.74-D.48-C.25
LDFT0312	D.23 L.91 CONTINENTAL PUMP 5WS40844 COUPLING

## TECHNICAL SPECIFICATIONS

DRIVE SYSTEM	
MOTOR	3 PHASE 400 VAC (3 phases + 1 earth + 1 neutral)
POWER	9.2 kW - 12.33 Hp
FREQUENCY	50/60 Hz
SPEED RANGE	30 - 3500 Rpm
SPEED CONTROL	Digital and automatic selection using the software application
WHEEL	<ul style="list-style-type: none"> <li>• Dimensions 50 Kg/m</li> <li>• Inertia 1.8 Kg<sup>m</sup></li> <li>• Friction brake of the electrical inverter for emergency stop</li> </ul>

MEASUREMENT SYSTEM	
REPEATABILITY PRECISION	± 1% RD
UNIT OF MEASUREMENT	L/H (Litres / Hour)

COMPUTING SYSTEM	
OPERATING SYSTEM	Microsoft Windows 10
SOFTWARE	SWIFT
SCREEN	10.1" high performance touchscreen tablet
CONNECTIONS	Wifi, Bluetooth 4.0 and micro SD HDMI

FEED SYSTEM	
OIL TANK	20 l. adjustable test oil transfer system from 0 to 20 Bar
REFRIGERATION	Integrated refrigeration system: without water - without air
SUPPLY TEMPERATURE	0 to 65 °C
RETURN TEMPERATURE	0 to 65 °C
MAXIMUM PRESSURE	2000 Bar
FILTRATION	Capacity up to 3µ with 4 filters

DIMENSIONS	
HEIGHT	1,710 mm
WIDTH	1,270 mm
DEPTH	1,070 mm
VOLUME	1.2 m <sup>3</sup>
WEIGHT	560 kg
BODY CONSTRUCTION	<ul style="list-style-type: none"> <li>• Nickel-plated iron</li> <li>• Stainless steel meter</li> </ul>
SAFETY DOOR	<ul style="list-style-type: none"> <li>• Transparent plexiglas protector</li> <li>• Immediate stoppage of the motor if opened</li> </ul>

INFORMATION SYSTEMS	
MULTIBRAND	All brands
TEST RECORDS	<ul style="list-style-type: none"> <li>• Generation and storage of test records</li> <li>• Printing of reports with achievable reference values</li> </ul>
SETTINGS	Personalised data tables
UPDATING	Permanent over the internet
SOURCES	Original specifications of the manufacturers

### APPLICATIONS

