

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 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
- E-learning
- Professional technical experts 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

Trust **Lucas**

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

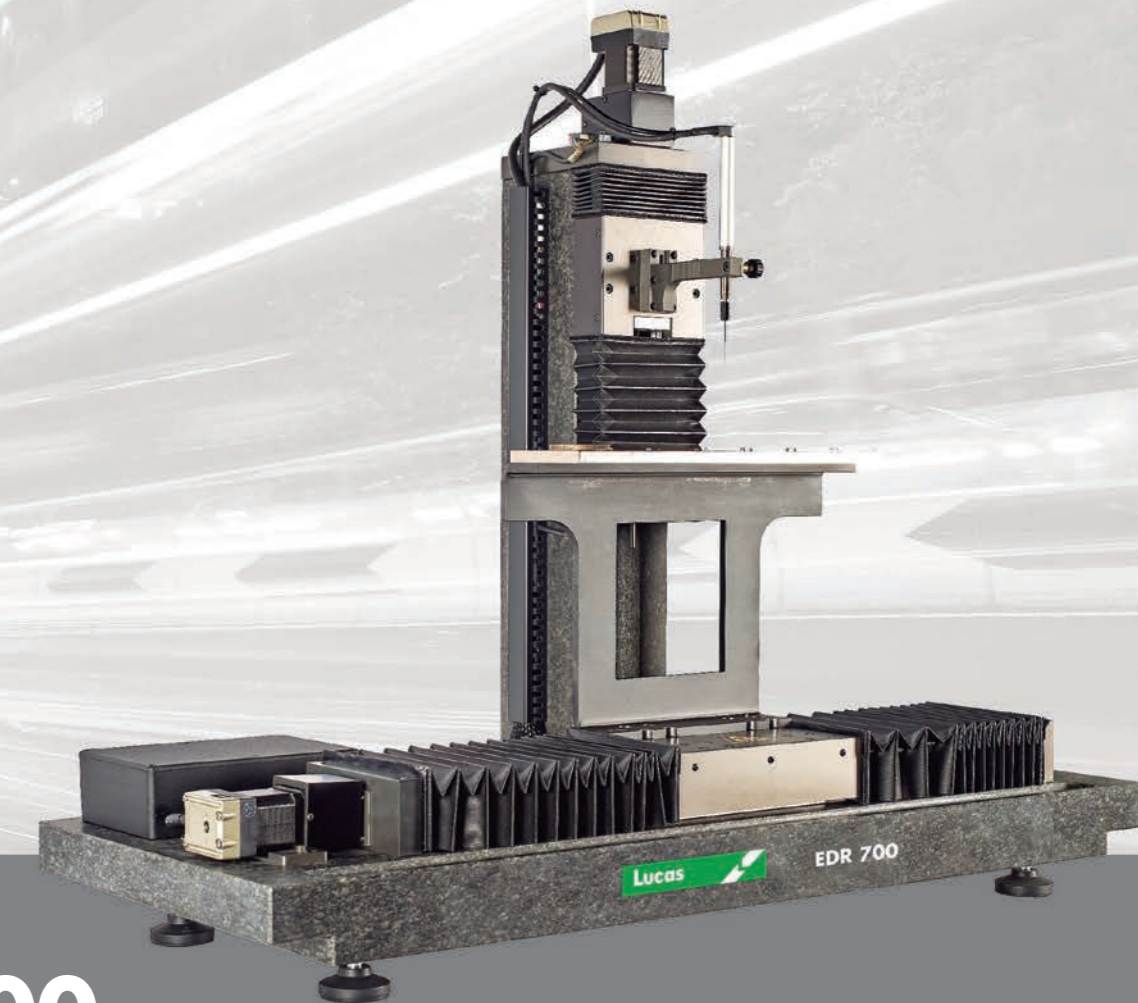
BRAZIL - Rua Gastão Vidigal, 370 - 13570-655 - São Carlos - SP



lucasdiesel.com

MULTIBRAND CALIBRATION

COMMON RAIL INJECTORS
COMMON RAIL PIEZO INJECTORS
HEUI INJECTORS



EDR 700

DIESEL INJECTORS CALIBRATION ROBOT

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EDR 700 CALIBRATION ROBOT FOR ALL BRANDS OF DIESEL INJECTORS



The technological design of the EDR 700 calibration robot enables precise automatic adjustment of any BOSCH, VDO, DENSO and CAT Common Rail injector.

After a measurement process of approximately **3 minutes**, the diesel specialist can assemble the **Common Rail injector secure** in the knowledge that **the configuration of such is perfect**, which **guarantees the subsequent performance of the injector on the test bench**, always in accordance with the original manufacturer values.

The high **precision of all of the EDR 700 components** guarantees **extraordinary repeatability in the configuration process**.

Thanks to the ongoing development of **new configuration records for all of the systems** and to the generation of **new accessories**, the **EDR 700**

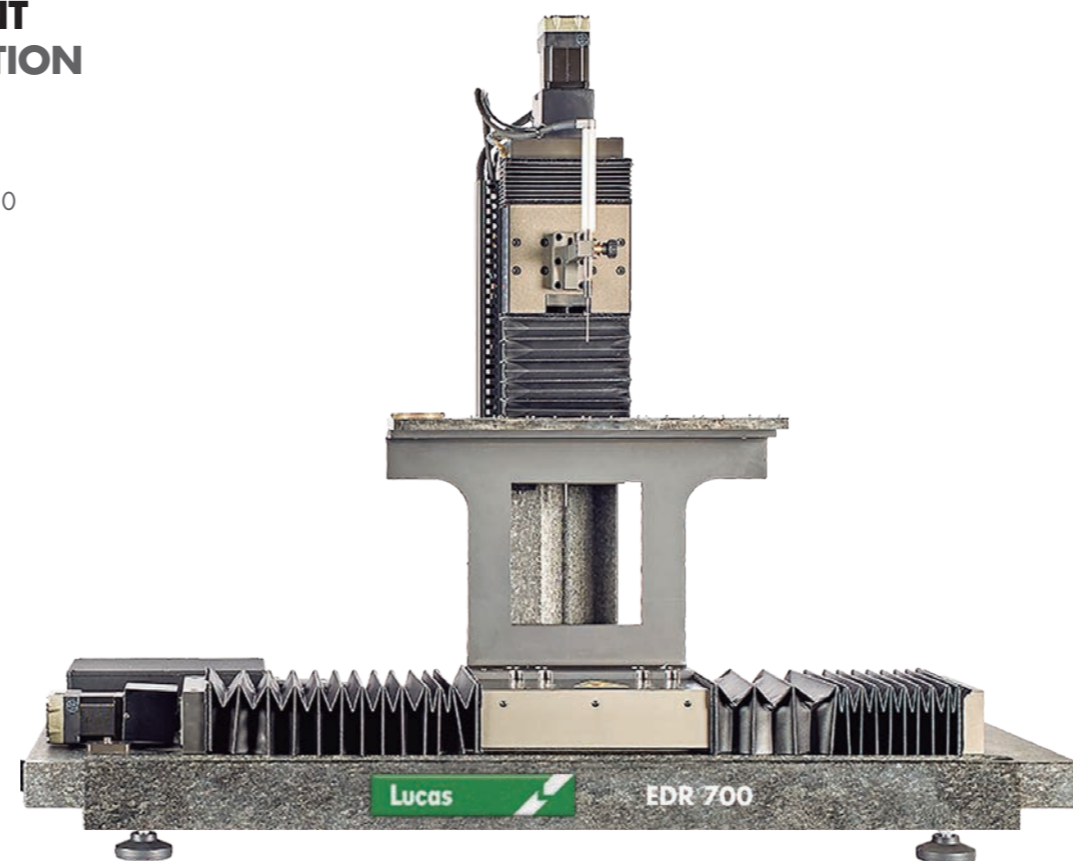
is equipped to meet any market requirements, and the new records can be directly **updated onto the calibration robot software, over the internet**.

In addition, with a **simple, intuitive, interactive and dynamic system of use**, the diesel specialist calibrates the components **quickly and efficiently**, therefore obtaining a **lot of profitability for your business**.

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**.

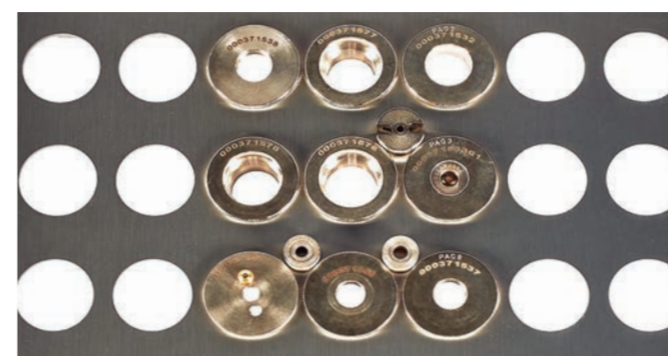
EQUIPMENT COMPOSITION

EDR 700 - LDFT0010



EQUIPMENT

REF.	
	SIMULATOR
	JOYSTICK
LDFT1126	AIR PRESSURE REGULATOR FILTER
LDFT1127	ADAPTOR EXHIBITOR
LDFT1128	CALIBRATION ADAPTOR (KD-022)
LDFT1129	APP FOR BOSCH CRI & CRIN INJECTORS
LDFT1130	PC USB CONNECTION CABLE
LDFT1131	POWER SUPPLY CABLE
LDFT1151	SOFTWARE



ACCESSORIES

REF.	
LDFT1133	MULTIPLE MEASUREMENT SOFTWARE
LDFT0376	SIEMENS INJECTORS APP
LDFT0375	DENSO INJECTORS APP
LDFT1134	6.4/6.6 PERKINS-CAT INJECTORS APP
LDFT0379	CR INJECTORS SPRING GAUGE
LDFT0377	APP INYECTORES HEUI C7 - C9 CAT - FORD



TECHNICAL SPECIFICATIONS





DRIVE SYSTEM	
MOTOR	MONOPHASE 200 VAC
POWER	150 W
FREQUENCY	50/60 Hz

MEASUREMENT SYSTEM	
PRECISION	<ul style="list-style-type: none"> High precision electronic range Precise measurement technology High repeatability
PRESSURE	Requires 2 bars of air pressure
TIME	All measurements in 3 minutes
THICKNESS MEASUREMENT	<ul style="list-style-type: none"> Armature stroke Armature stroke air gap Nozzle needle lift Valve spring force (only with the optional P.N. LDFT0379) Nozzle spring force (only with the optional P.N. LDFT0379)

I.T. SYSTEM	
OPERATING SYSTEM	PC not included
SOFTWARE	<ul style="list-style-type: none"> PEREGRINE Electronic measurement system supplied on CD Simulator and Joy Pad included

DIMENSIONS	
HEIGHT	1,230 mm
WIDTH	1,070 mm
DEPTH	620 mm
VOLUME	0.8 m ³
WEIGHT	185 kg
BODY CONSTRUCTION	Granite for maximum stability

INFORMATION SYSTEMS	
MULTIBRAND	All brands
TEST RECORDS	<ul style="list-style-type: none"> Generation and storage of personalised test records by means of the Joy Pad and software Available for BOSCH CR CRIN & CRI Available for DENSO CR CRI Available for SIEMENS CR
UPDATING	Permanent over the internet
SOURCES	Original specifications of the automobile manufacturers
WORK PROGRAMME	<ul style="list-style-type: none"> Pre-established values Personalised values (automatic or manual)
INFORMATION	<ul style="list-style-type: none"> Insulation test Coil resistance tests Tightening parameters to correctly adjust each part of the injector There is no need to dismantle the injector again after the bench tests

APPLICATIONS			
			
CARS	LIGHT COMMERCIAL	HEAVY COMMERCIAL	AGRICULTURAL