

WWW.RISEYDIESEL.COM



# RISEY

## PRODUCT CATALOG 2026



SIEMENS

CATERPILLAR

NAVISTAR



DENSO



BOSCH

ZEXEL

DELPHI

Whatsapp



Risey Diesel Solutions



Risey Diesel Solutions



Risey Diesel Solutions



T3 2401, No. 1, Section 1, Huafu Avenue, Tianfu New Area, Chengdu City, Sichuan Province, People's Republic of China



# Our Products

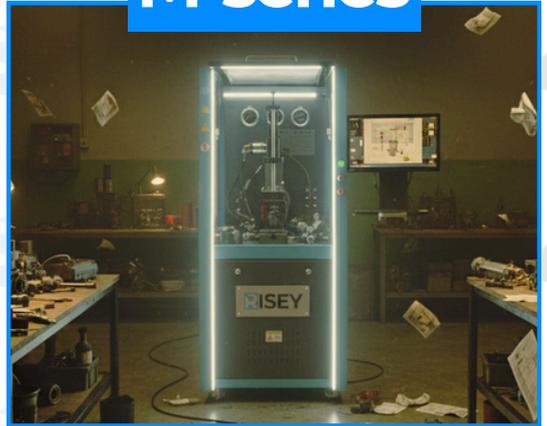
TECHNOLOGY Diesel Solutions

## A-series



TECHNOLOGY Diesel Solutions

## M-series



TECHNOLOGY Diesel Solutions

## C-series



TECHNOLOGY Diesel Solutions

TECHNOLOGY Diesel Solutions

## SC-series



TECHNOLOGY Diesel Solutions

## S-series



TECHNOLOGY Diesel Solutions

TECHNOLOGY Diesel Solutions

## T-series





# Our Products

TECHNOLOGY Diesel Solutions

TECHNOLOGY Diesel Solutions

TECHNOLOGY Diesel Solutions

TECHNOLOGY Diesel Solutions

## D-series



## H-series



TECHNOLOGY Diesel Solutions

TECHNOLOGY Diesel Solutions

TECHNOLOGY Diesel Solutions

TECHNOLOGY Diesel Solutions

## E-series



## CAMBOX



TECHNOLOGY Diesel Solutions

TECHNOLOGY Diesel Solutions

TECHNOLOGY Diesel Solutions

TECHNOLOGY Diesel Solutions

## HEUI Set



# AND MORE

TECHNOLOGY Diesel Solutions

TECHNOLOGY Diesel Solutions



**CRI** **CRP** **HEUI** **EUI/EUP** **PUMP**

# A-SERIES



**\$ STARTING PRICE: 5,900 USD**

# RISEY

## A-SERIES ALL-IN-ONE TEST BENCH

### FUNCTION INTRODUCTION



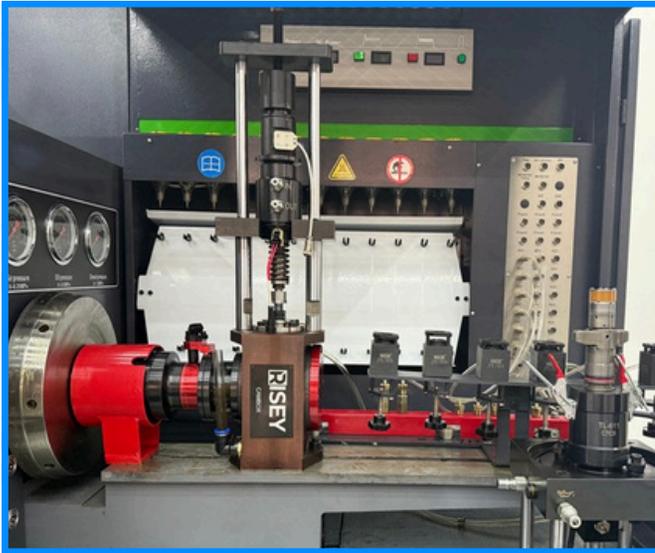
**Model Number: A-1000**  
**Power Supply: 11kw-22kw/380VAC**  
**Phase: Three Phases**  
**Main tank capacity:35-50 litres**  
**Drop tank capacity:25-40 litres**  
**Rail pressure test range:0-2700 BAR**  
**Pump speed:0—4000 RPM**  
**Dimension: 222x144x222cm**  
**Weight: 1200-1350kg**



- Powered by 380V, 3-phase, supporting all types of common rail injectors (including piezo) and common rail pumps.
- Compatible with common rail systems from Bosch, Delphi, Denso, Siemens, and Cummins.
- Also supports full testing of EUI/EUP and HEUI injectors and actuation pumps (including Ford 6.0, CAT 3408/3412, ISUZU, Delphi E3, HPI Q60, etc.).
- Maximum rail pressure up to 2700 bar, supporting high-speed, medium-speed, and idle-speed testing.
- Three fully independent systems operating simultaneously:
  1. Unit Pump / Unit Injector module
  2. Common rail injector + common rail pump testing module
  3. Medium-pressure injector module
- Equipped with original German-imported flow sensors, ensuring high precision and data accuracy aligned with Bosch standards.
- Supports injector coding: Bosch IQA, Cummins XPI QR, Denso QR, Delphi QR, Siemens QR.
- Comprehensive testing functions:
  - Injector response time
  - Armature lift
  - BIP test
  - Resistance and inductance
  - Pulse width (on-time)
  - Injection opening pressure
  - Common rail pump flow, leakage, and pressure-stability testing
  - Real-time online system updates, with fully flashable PC and driver programs.
  - Standard industrial air-conditioning and cooling, enabling 24/7 continuous operation with high system reliability.
- Optional: enhanced fuel-flow measurement and multi-channel simultaneous testing (2/4/6 injectors).



# A-Series



# A-SERIES MODELS

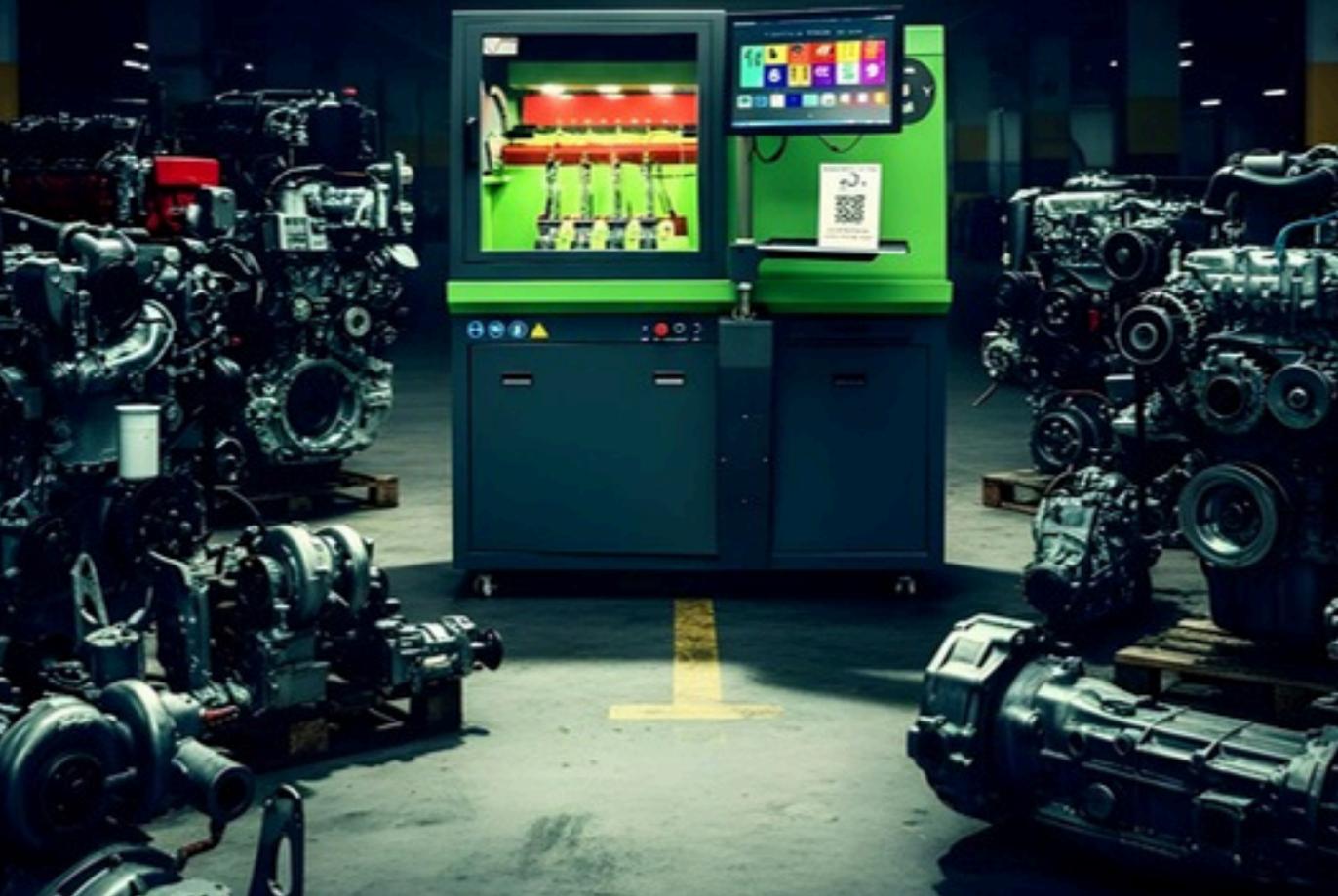
Model	Number of Channels	Testing Capabilities	Switching Method
Single-Channel (Manual Switching)	1	CRI Testing / EUI & EUP and Pump Testing / HEUI Testing	Requires manual disassembly for function switching
Single-Channel (Automatic Switching)	1	CRI Testing / EUI & EUP and Pump Testing / HEUI Testing	Function switching without disassembly
Dual-Channel	2	2 CRIs / 1 EUI & EUP and Pump / 1 HEUI Testing	No disassembly required
Three-Channel	3	3 CRIs / 1 EUI & EUP and Pump / 1 HEUI Testing	No disassembly required
Four-Channel	4	4 CRIs / 1 EUI & EUP and Pump / 1 HEUI Testing	No disassembly required
Five-Channel	5	5 CRIs / 1 EUI & EUP and Pump / 1 HEUI Testing	No disassembly required
Six-Channel	6	6 CRIs / 1 EUI & EUP and Pump / 1 HEUI Testing	No disassembly required
Seven-Channel	7	7 CRIs / 1 EUI & EUP and Pump / 1 HEUI Testing	No disassembly required
Eight-Channel	8	8 CRIs / 1 EUI & EUP and Pump / 1 HEUI Testing	No disassembly required





**CRI**

# SCS 1000



**STARTING PRICE: 6,100 USD**

## SC-1000 4 CR INJECTOR TEST BENCH

### FUNCTION INTRODUCTION

- **Voltage: AC 380V ±10% three-phase**
- **Optional: AC 220V three-phase, or single-phase**
- **Frequency: 50/60Hz**
- **Max Power: 5.5 kW**
- **Operating Temp: 5°C – 40°C**
- **Humidity: ≤90%**
- **Max Test Pressure: 2400 bar**
- **Oil Temperature: 40°C ± 2°C**
- **Oil Tank Capacity: ≈ 30 L**



**Supports testing of solenoid and piezo common rail injectors** from Bosch, Delphi, Denso, Siemens, Caterpillar, and Cummins.

**Real-time display of injector drive current waveform**, enabling visual diagnostics.

**Injector code generation supported**, including:

- Bosch IQA / IMA / ISA
- Denso 16 / 22 / 24 / 26 / 28 / 30 / 32 QR
- Delphi C21 / C31 / C41
- Siemens IIC
- Cummins XPI

**Injector response time testing**

**Measurement of injector electrical parameters:**

- Resistance
- Inductance
- Capacitance (for piezo injectors)

**Solenoid valve armature lift (AHE) testing**

**Test procedures aligned with OEM standards**, ensuring factory-level accuracy.

**Open injector database**, allowing manual addition of part numbers and customization.

**Automatic online software and data updates**, ensuring functions and test plans remain current.

# SC-Series



# SC-SERIES MODELS



**SC-1000**  
**4-cris**





**CRI** **CRP** **HEUI** **EUI/EUP** **PUMP**

# M-SERIES

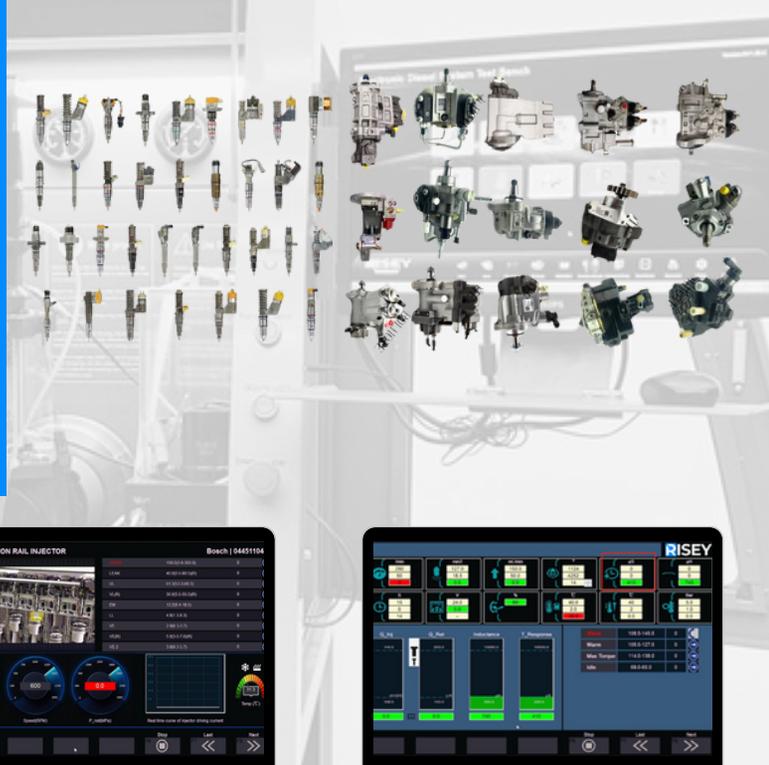


**\$ STARTING PRICE: 4,200 USD**

## M-SERIES MULTIFUNCTIONAL TEST BENCH

### FUNCTION INTRODUCTION

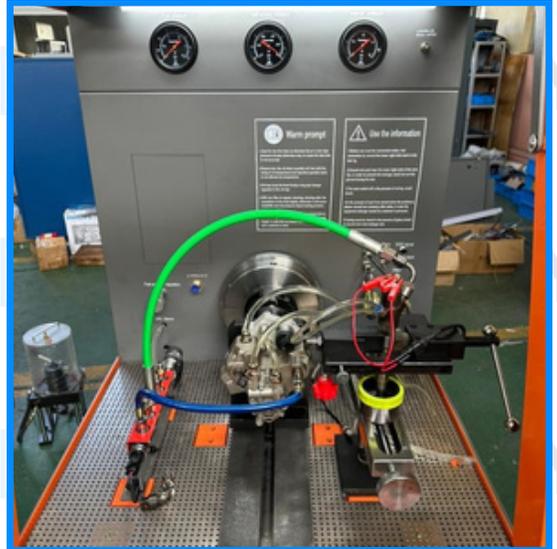
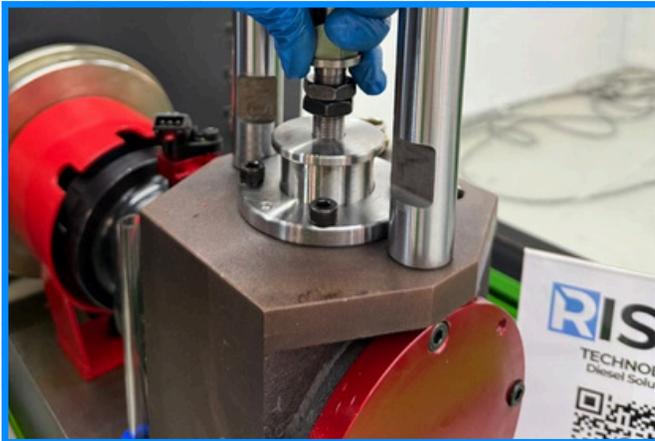
**MODEL NUMBER:** M-1000/M-1000CHE/M-1000H/M-1000E/M-1000HE  
**POWER SUPPLY:** 7.5KW/220VAC/380VAC  
**PHASE:** SINGLE PHASE/THREE PHASES  
**MAIN TANK CAPACITY:** 35 LITRES DROP TANK  
**CAPACITY:** 25 LITRES RAIL  
**PRESSURE TEST RANGE:** 0-2700 BAR  
**PUMP SPEED:** 0—4000 RPM  
**DIMENSION:** 124\*108\*182CM



- Tests of various common rail injectors.
- Tests of various piezo injectors.
- Tests various common rail pumps.
- Tests all types of EUI/EUP with BIP functionality.
- Tests of various HEUI injectors.
- Tests various HEUI drive pumps.
- Tests CAT 320D pumps.
- Tests Denso HP0 pumps.
- injector coding: Compatible with Delphi, Bosch, Denso, and Siemens.
- Cam box for EUI/EUP (latest version).
- HEUI functionality: Dual oil circuits (oil and diesel) with integrated clamping device.
- BIP (Backflow Injection Pulse) testing for both common rail and
- Ford 6.0 / CAT 3408 injectors
- CAT 3412 / Isuzu injectors
- Delphi E3 injectors
- CAT HEUP pumps
- ZME injection systems
- HPI Q60 / Cummins X15 injectors
- CAT G2.9 / 3116 injectors



# M-Series



# M-SERIES MODELS



**M-1000CHE**  
cri/pump/heui/eui/eup



**M-1000**  
cri/pump



**M-1000H**  
heui



**M-1000E**  
cri/pump/eui/eup



**M-1000HE**  
cri/pump/heui



**CRI CRP**

# C-SERIES



**STARTING PRICE: 4,000 USD**

# RISEY

## C-1000 CRI TEST BENCH

### FUNCTION INTRODUCTION



- Power Supply:220VAC/380VAC
- Phase:Single Phase/Three Phases
- Power:11KW
- Main tank capacity:38 litres
- Rail pressure test range:0-2700 BAR
- Pump speed:0—4000 RPM
- Dimension: 180-190x105-115x145-160cm



### BASIC MODEL 11KW 380V 3-PHASE TEST COMMON RAIL AND PIEZOELECTRIC INJECTORS DELPHI BOSCH DENSO SIEMENS INJECTOR CODE BOSCH CR 4 PIN & 6 PIN INJECTOR TESTING

- Automatic detection of various injectors such as Bosch, Delphi, Carter, etc., achieving a multi-purpose machine and effectively saving testing costs.
- Adopt the original imported flow sensor from Germany for accurate test data. The test results are closely matched with the original Bosch data collected by professionals.
- Support generation of Bosch IQA code, Cummins XPI QR code, Denso QR code, Delphi QR code, and Siemens QR code.
- Fuel injector response time test.
- Support fuel injector armature lift test.
- The server updates system data online in real time.
- Optional industrial air-conditioning for refrigeration. (Optional feature)
- High equipment reliability and trouble-free operation throughout the year

# RISEY

## C-2000 2\*CRI/CRP TEST BENCH

### FUNCTION INTRODUCTION



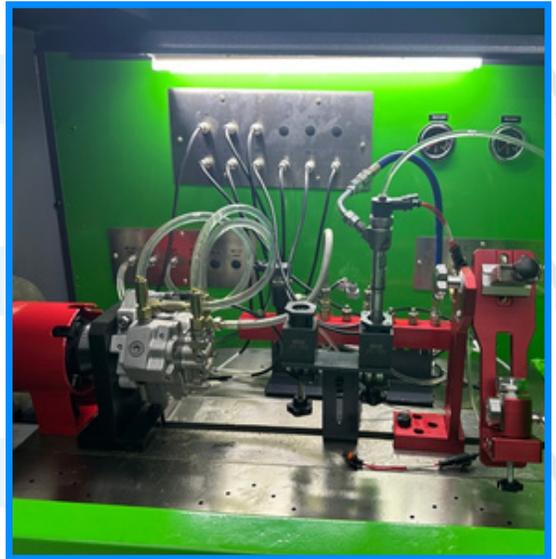
- Power Supply:220VAC/380VAC
- Phase:Single Phase/Three Phases
- Power:11KW
- Main tank capacity:38 litres
- Rail pressure test range:0-2700 BAR
- Pump speed:0—4000 RPM
- Dimension: 185x115x174cm



**BASIC MODEL 11KW 380V 3-PHASE  
TEST COMMON RAIL AND PIEZOELECTRIC INJECTORS  
TEST THE COMMON RAIL PUMP  
DENSO HP0 PUMP FUNCTION  
DELPHI BOSCH DENSO SIEMENS INJECTOR CODE  
BOSCH CR 4 PIN & 6 PIN INJECTOR TESTING  
2 X CRI TESTING**

1. Automatic detection of various injectors and fuel pumps such as Bosch, electric, Delphi, carter, etc. To achieve a multi-purpose machine, effectively save testing costs.
2. Adopt the original imported flow sensor from Germany, and the test data is accurate. The test data are closely related to the original Bosch data collected by professionals.
3. Support generation of Bosch IQA code and cummins XPI QR code.. Denso QR code, Delphi QR code, Siemens QR code
4. Fuel injector response time test.
5. Support fuel injector armature lift test.
6. The server updates system data online in real time.
7. Optional industrial air-conditioning for refrigeration. (Optional features)
8. High equipment reliability and trouble-free operation throughout the year.

# C-Series



# C-SERIES MODELS



**C-1000**  
cri



**C-2000**  
cri





**CRI**

# S-SERIES



**STARTING PRICE: 4,450 USD**

# RISEY

## S-1000 CR INJECTOR TEST BENCH

### FUNCTION INTRODUCTION



- Power Supply:220VAC/380VAC
- Phase:Single Phase/Three Phases
- Power:3.8KW
- Main tank capacity:30 litres
- Rail pressure test range:0-2700
- Dimension: 110x110x190cm

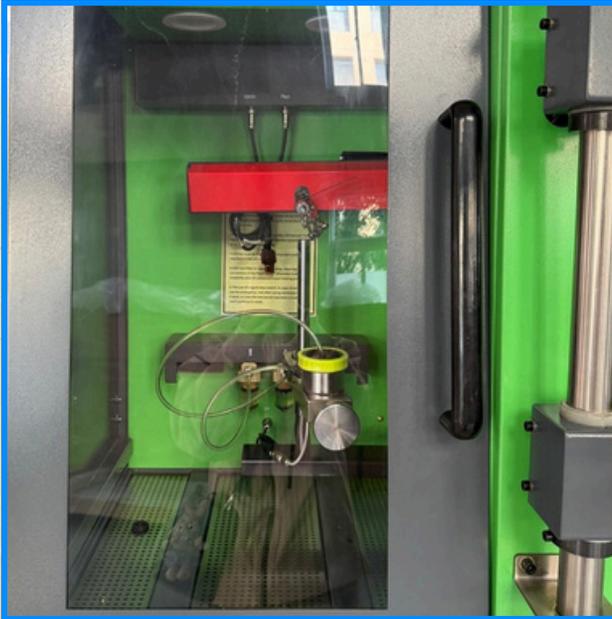


**Supported Brands:** Bosch, Denso, Delphi, Siemens, Caterpillar, Cummins (solenoid & piezoelectric)

#### Key Features:

- Automatic testing of tightness, full load flow, return flow, idle/mid-speed/pre-injection flows & performance curves
- German-imported high-precision flow sensors (data matches original Bosch standards)
- Generates Bosch IQA, Cummins XPI QR, Denso QR, Delphi QR, Siemens QR codes
- Solenoid tests: response time (BIP), armature lift, resistance, inductance
- Drive tests: turn-on pulse width & pressure
- Real-time online system updates
- Optional industrial AC cooling
- 24/7 operation, oil temp  $\leq 42^{\circ}\text{C}$
- High reliability, year-round trouble-free
- Max rail pressure: 2700 bar
- Supports Bosch CRIN4 (4-pin) injectors

# S-Series



# S-SERIES MODELS



**S-1000**  
cri





**CRI** **CRP** **HEUI** **EUI/EUP** **PUMP**

# D-SERIES

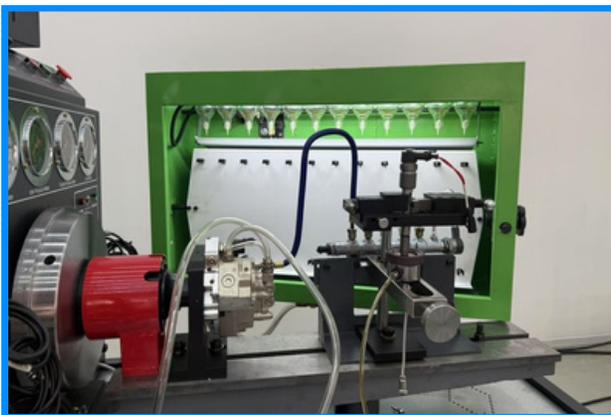


**RISEY** **RISEY**

**STARTING PRICE: 7,500 USD**



# D-Series



# D-SERIES MODELS



**D-1000**  
cri eui eup heui pump





**CRI**

# H-SERIES



**\$ STARTING PRICE: 3,000 USD**

## H-500 CRI TEST BENCH

### FUNCTION INTRODUCTION



- (1) Measuring motor speed: 0-3000 rpm; oil pump speed: 0-1500 rpm
- (2) Working pressure: 0-200 MPa
- (3) Fuel tank volume: 10 L
- (4) Test oil filtration accuracy: 3  $\mu\text{m}$
- (5) Oil measuring method: flow meter
- (6) Power supply: 220V / 50Hz
- (7) Common rail pump type: CPIH
- (8) Output power: 2.6 kW
- (9) Overall dimensions (mm): 920 × 850 × 800 (10) Net weight: 158 kg



- (1) Supports high-speed solenoid valve type common rail injectors as well as third-generation piezoelectric common rail injectors;
  - (2) Single-channel common rail injector testing;
  - (3) Compatible with multiple rail pressure sensors (Bosch/Denso/Delphi);
  - (4) Intelligent PID algorithm for precise pressure control;
  - (5) Dual software and hardware short-circuit protection for enhanced reliability;
  - (6) Multi-language interface options;
  - (7) Safety protection design to prevent operator misoperation;
  - (8) Flow display available via both computer-integrated flow sensor and graduated cylinder.
- 
- (1) Test the sealing performance of the common rail injector
  - (2) Test the full-load performance of the common rail injector
  - (3) Test the mid-load performance of the common rail injector
  - (4) Test the idling performance of the common rail injector
  - (5) Test the pre-injection performance of the common rail injector



**CRI**

# E-SERIES



**For more details, please contact us.**



**CRI** **CRP** **HEUI** **EUI/EUP** **PUMP**

# T-SERIES



**\$** **STARTING PRICE: 1,030 USD**



# RISEY

## T-1000 MULTIFUNCTIONAL TESTER

### FUNCTION INTRODUCTION

Equipment dimensions: 537 ×  
404 × 495 mm  
Equipment weight: 20 kg



- Tests a wide range of common rail injectors and pumps from Bosch, Delphi, Denso, Siemens, Caterpillar, and Cummins, including solenoid and piezo types, as well as pumps with dual ZME metering units.
- Real-time visualization of injector drive current curves and pump plunger pressure curves for intuitive performance analysis.
- Supports injector code generation: Bosch IQA / IMA / ISA, Denso 16-32 QR, Delphi I2C / I3C, Siemens IIC, and Cummins XPI (optional).
- Tests EUI/EUP systems from Bosch, Caterpillar, Cummins, and Delphi, including Delphi E3 dual-solenoid EUI and Cummins M11 dual-pulse EUI (optional).
- Compatible with HEUI injectors and HEUI pumps (optional).
- Supports testing of CAT 320D / C9.3, and Denso HP5/6/7 pumps (optional).
- Tests VP37, VP44, RED4, Denso V3/V4/V5, and Stanadyne pumps (optional).
- Compatible with Cummins HPI injectors and PT pumps (optional).
- Measures injector response time and BIP values for EUI/EUP systems.
- Tests various DRVs and rail pressure sensors.
- Tests injector resistance, inductance, and piezo capacitance.
- Measures solenoid valve armature lift (AHE).
- Test plans align with original factory data, ensuring high accuracy and OEM-level standards.
- An open database allows for expansion and addition of new part numbers



# RISEY

## T-700 MULTIFUNCTIONAL TESTER

### FUNCTION INTRODUCTION

Equipment dimensions: 395 × 388 × 433 mm  
Equipment weight: 15 kg



- Tests a wide range of common rail injectors and pumps from Bosch, Delphi, Denso, Siemens, Caterpillar, and Cummins, including solenoid and piezo types, as well as pumps with dual ZME metering units.
- Real-time visualization of injector drive current curves and pump plunger pressure curves for intuitive performance analysis.
- Supports injector code generation: Bosch IQA / IMA / ISA, Denso 16-32 QR, Delphi I2C / I3C, Siemens IIC, and Cummins XPI (optional).
- Tests EUI/EUP systems from Bosch, Caterpillar, Cummins, and Delphi, including Delphi E3 dual-solenoid EUI and Cummins M11 dual-pulse EUI (optional).
- Compatible with HEUI injectors and HEUI pumps (optional).
- Supports testing of CAT 320D / C9.3, and Denso HP5/6/7 pumps (optional).
- Tests VP37, VP44, RED4, Denso V3/V4/V5, and Stanadyne pumps (optional).
- Compatible with Cummins HPI injectors and PT pumps (optional).
- Measures injector response time and BIP values for EUI/EUP systems.
- Tests various DRVs and rail pressure sensors.
- Tests injector resistance, inductance, and piezo capacitance.
- Measures solenoid valve armature lift (AHE).
- Test plans align with original factory data, ensuring high accuracy and OEM-level standards.
- An open database allows for expansion and addition of new part numbers

# T-Series



# T-SERIES MODELS

**RISEY**  
TECHNOLOGY  
Diesel Solutions

**RISEY**  
TECHNOLOGY  
Diesel Solutions

**RISEY**  
TECHNOLOGY  
Diesel Solutions

**RISEY**  
TECHNOLOGY  
Diesel Solutions



**T-1000**  
cri/pump/heui/eui/eup

**RISEY**  
TECHNOLOGY  
Diesel Solutions



**T-700**  
cri/pump/heui/eui/eup

**RISEY**  
TECHNOLOGY  
Diesel Solutions



**T-500**  
eui/eup or heui

**RISEY**  
TECHNOLOGY  
Diesel Solutions



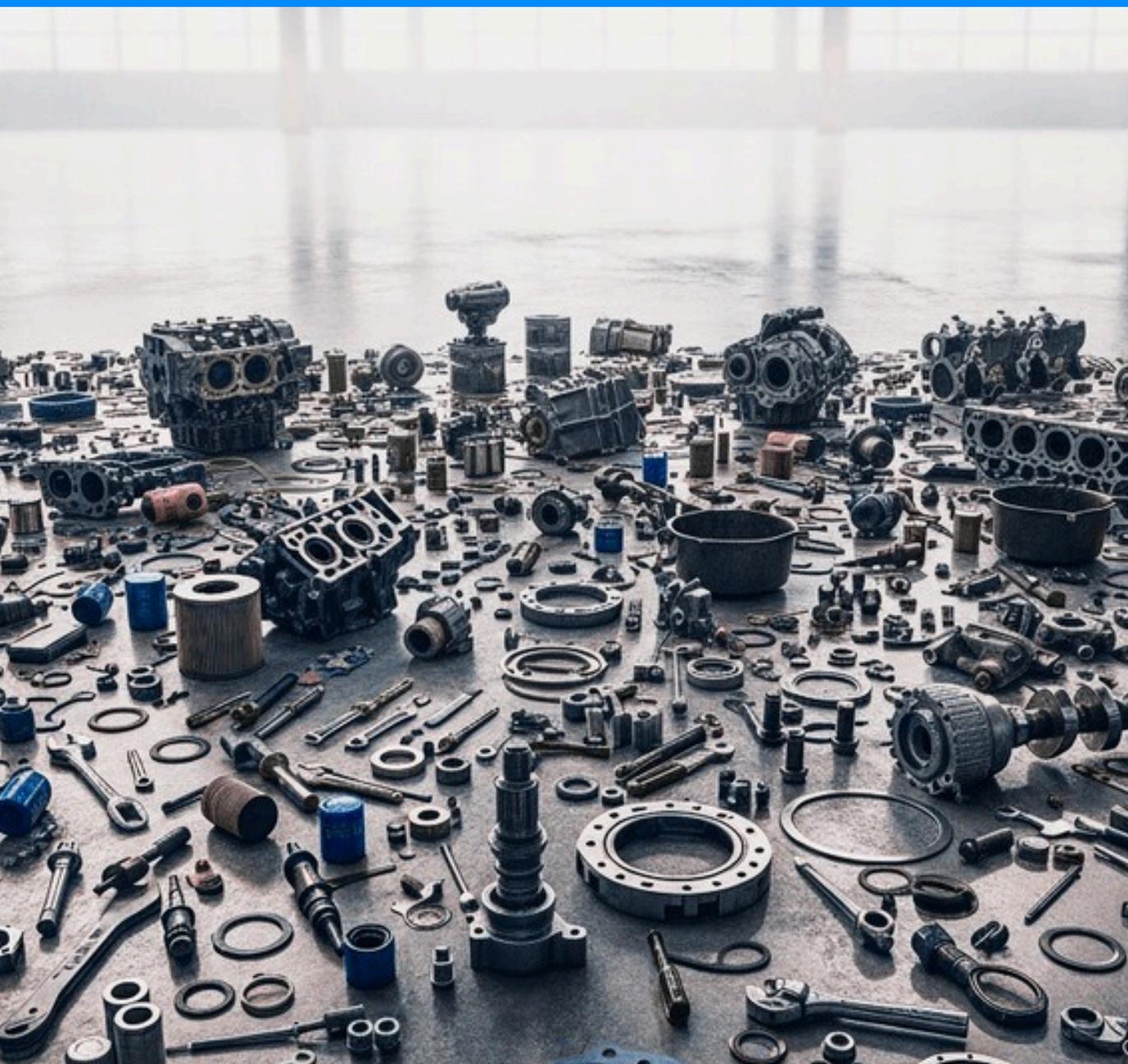
**Fuel measuring  
box**

**RISEY**  
TECHNOLOGY  
Diesel Solutions





# Diesel Parts and Accessories



**CAMBOXES, REPAIR TOOLS, PIPES, ADAPTERS, AND MORE**

# CAMBOX



# CAMBOX LIST

## ADAPTOR



CAT 3512B

**CATERPILLAR**



CUMMINS M11 N14



CAT C12

**CATERPILLAR**



CAT C13/C15/C18

**CATERPILLAR**



SCANIA



CAT 3116

**CATERPILLAR**



LAND ROVER TD5



IVECO 8

**IVECO**



DETROIT N3  
BOSCH

**DETROIT**



DELPHI A E1 E3



# CAMBOX LIST

**RISEY**  
TECHNOLOGY  
Diesel Solutions



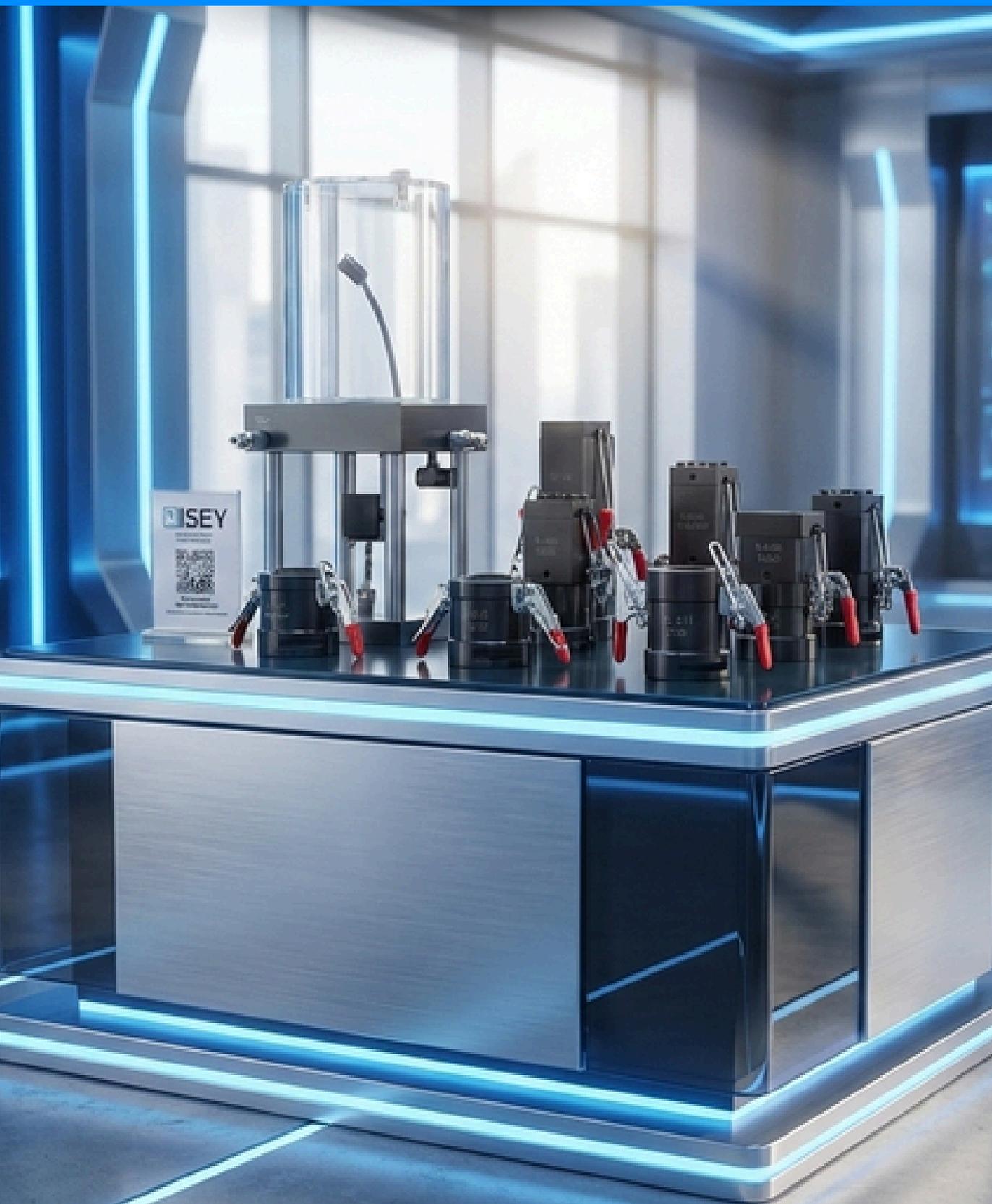
**IVECO**

**LIEBHERR**

**DETROIT**



# HEUI SET



# HEUI ACCESSORIES LIST



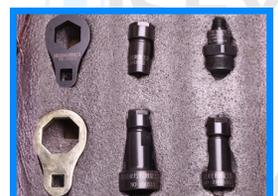
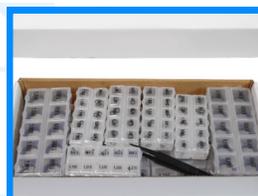
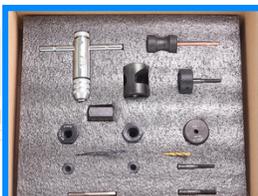
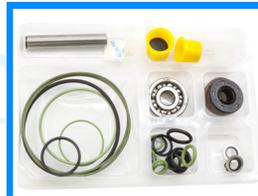
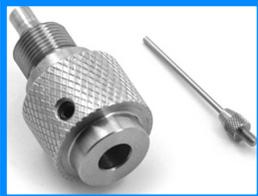
**HEUI Test Stand**

**Accessories**



# PARTS LIST

We have thousands of spare parts and tools available. Please contact us and let us know your requirements.



TECHNOLOGY  
Diesel Solutions

TECHNOLOGY  
Diesel Solutions

TECHNOLOGY  
Diesel Solutions

# PARTS LIST SCREENSHOT



RISEY TECHNOLOGY Diesel Solutions		Sichuan Risey Technology Co., LTD		T3 2401, No. 1, Section 1, Huaifu Avenue, Tianfu New Area Chengdu City, Sichuan Province, People's Republic of China TEL: 86 18160199982 E-Mail: niyiwen335@gmail.com	
No	RISEY	Name	Image	Unit	Features
7	200182	Pukang solenoid valve disassembly and assembly tools-2tooth		Pc	
8	200181	Pukang intermediate disassembly tool-4tooth		Pc	
9	200183	Dongkang intermediate disassembly and assembly tools-4tooth		Pc	
10	200184	Dongkang intermediate disassembly and assembly tools-4tooth		Pc	
11	A200102	Oil collector#8		Pc	Xiao Dongkang, Pukang oil collector
12	200008	HolderC030(X#26)		Set	Dongkang-4327072, Bosch0445 121 070Injector test tool4889204
13	200180	HolderC040(X#40)		Set	Optional tools in the kit/Dongkang-2572544Injector test tool,Bosh oil inlet and oil return can be measured
14	200787	Dadongkang oil return fixture		Pc	Optional tools in the kit/For use with universal clamp/Can only measure oil return
15	200685	Cummins needle valve measuring tool		Pc	Pukang-4307475, Dongkang-4327072Injector nozzle needle valve lift measurement
16	200686	Pukang oil needle height measurement tool		Pc	Pukang-4307475Injector oil needle height measurement

RISEY TECHNOLOGY Diesel Solutions		Sichuan Risey Technology Co., LTD		T3 2401, No. 1, Section 1, Huaifu Avenue, Tianfu New Area Chengdu City, Sichuan Province, People's Republic of China TEL: 86 18160199982 E-Mail: niyiwen335@gmail.com	
No	RISEY	Name	Image	Unit	Features
155	410182	CATPopper Valve ToolsC-05		Pc	Valve core installation
156	200116	C-07		Pc	Installing bearings
157	200117	C-08		Pc	Install the plunger sleeve
158	200118	C-09		Pc	Release bearing
159	200119	C-10		Pc	Install fixed bearing
160	200533	C-11		Pc	Separate the swash plate and plunger
161	200534	Bottom bracketC-12		Pc	Installing bearings
162	200999	Carter320DInjector disassembly and measurement tool set (6set)		Set	Carter320DDisassembly and assembly of injector armature valve assembly disassembly and armature lift Air clearance lift measurement
163	200998	Carter320D, 33MEInjector disassembly and measurement tool set (10set)		Set	

RISEY TECHNOLOGY Diesel Solutions		Sichuan Risey Technology Co., LTD		T3 2401, No. 1, Section 1, Huaifu Avenue, Tianfu New Area Chengdu City, Sichuan Province, People's Republic of China TEL: 86 18160199982 E-Mail: niyiwen335@gmail.com	
No	RISEY	Name	Image	Unit	Features
180	200666	PTFuel Injector Tools/Pictures-1		Pc	
181	200667	PTFuel Injector Tools/Pictures-2		Pc	
182	200668	PTFuel Injector Tools/Pictures-3		Pc	
183	A200093	PTFuel Injector Tools/Pictures-4		Pc	
184	200810	PTFuel Injector Tools/Hexagon wrench#1		Pc	
185	200796	PTFuel Injector Tools/Hexagon wrench#2		Pc	
186	200109	BoschNeedle injector disassembly and test tool set (6set)		Set	Bosch04451201050Disassembly toolset weight:2175kg
187	200754	Bosch four-needle common rail injector oil return kit		Pc	1.07kg
188	200755	Bosch04451201050Disassembly tools-1		Pc	

RISEY TECHNOLOGY Diesel Solutions		Sichuan Risey Technology Co., LTD		T3 2401, No. 1, Section 1, Huaifu Avenue, Tianfu New Area Chengdu City, Sichuan Province, People's Republic of China TEL: 86 18160199982 E-Mail: niyiwen335@gmail.com	
No	RISEY	Name	Image	Unit	Features
331	200617	New multifunctional vertical visePayment		Set	Injectors, pump nozzles, piezo injectors, etc.
332	200442	Three-jaw tool		Set	Denso fuel injector/Disassembly tool (withTOPins)
333	200522	C70Type seal test tool		Set	For Carter medium pressure common rail injector
334	200523	3126Type seal test tool		Set	
335	410096	Dynamic travel bracket (without dial indicator)		Set	Bosch Injector Lift Measurement Tool Sold out and discontinued
336	410023	Verifier (large flow)		Set	Test the spray pressure
337	410086	Verifier (small flow)		Set	Test the spray pressure
338	200040	Carter320Dfuel injector oil return fixture		Pc	Carter320Dfuel injector#60Picture
339	A200226	Carter3126start-up pressure testT-04		Pc	

