**DIESEL INJECTION PUMP TEST BENCH 喷油泵试验台**

| 12psb-2 | 12PSB-blue | 12PSB | MINI-2 |
| --- | --- | --- | --- |
| 12PSB | 12PSB (BLUE) | 12PSB (BLUE+WHITE) | 12PSB-MINI |
| 12PSDW | 12psdw blue | 12psdw red | 微信图片_20220105164229-- |
| 12PSDW | 12PSDW (BLUE) | 12PSDW (RED) | 12PSDW-A |
| 1695719843600 | 1695719600179 | 微信图片_20230926163955 | bd860 yellow |
| 12PSDW-MINI | 12PSDW-MINI (BLUE) | BD850 | BD860 |
| 1695719161952 | nts619-blue+white | nts619 white | nt3000 |
| NTS619 | NTS619 (BLUE+WHITE) | NTS619 (WHITE) | NT3000 |

| **Technical characteristic** | Adjustable cylinders | Output power(Kw) | RPM | Rpm pre-set | Temperature control system | Positive pressure system |
| --- | --- | --- | --- | --- | --- | --- |
| 12 or 8 | 7.5/11/15/18.5/22 | 0-4000 | √ | √ | √ |
| Negative pressure system | Air supply | DC power supply | internal pressure of VE pump | Oil return of VE pump | Capability with pump type |
| √ | √ | √ | √ | √ | All in- line/ rotary pump |

| **Main Functions**  1. Measurement of each cylinder delivery at any speed.  2. Test point and interval angle of oil supply of injection pump.  3. Checking and adjust the mechanical governor.  4. Checking and adjusting the distributor pump.  5. Experiment and adjusting of behavior of supercharging and  compensatory device.  6. Measurement of oil return of distributing pump.  7. Testing of the electromagnetic valve of distributor pump.(12V/24V)  8. Measurement of the internal pressure of distributor pump.  9. Checking the sealing of injection pump body.  10. Install tube of auto-sucking oil supply cean check on oil supply pump  (including VE pump).  **Optional Functions:**  11. Checking of the advance angle of advance device. (Optional)  12. Checking the travel of stroke. (Optional)  13. Oil lubricate. (Optional)  14. Force cooling system. (Optional)  1696491646379 1696491468264 | | **主要功能:**  1. 喷油泵各缸供油量和供油均匀性  2. 喷油泵供油点及供油间隔角度  3. 调速器工作性能的检查和调整  4. 分配泵工作性能的试验调整  5. 增压补偿器性能的试验调整  6. 分配泵回油量的测量  7. 分配泵电磁阀性能的测试 (12v/24v)  8. 分配泵各种规定转速下的内压测定  9. 喷油泵密封性能试验  10. 接上自吸供油管可对输油泵进行检查(含VE泵) | **选装功能：**  11. 检查测量自动提前器的提前角度 (选装)  12. 尺杆行程的高精度检测 (选装)  13. 机油润滑 (选装)  14. 强制制冷 (选装) | | --- | --- |   **Accessories:**  微信图片_20200601140153-1-- |
| --- | --- | --- | --- |

**COMMON RAIL INJECTOR TEST BENCH 共轨喷油器试验台**

| NTS100---- | nts118 | | | NTS200 | | 06f1fb3d5c7de17ed91ad4715f90808 |
| --- | --- | --- | --- | --- | --- | --- |
| NTS100 | NTS118 | | | NTS200 | | NTS200 (BLUE) |
| 206-1 | 16bbbbcb5806d673ad2ef00a50bf0ce | | | NTS208黑白 | | 3dd94d886cd580d6d1709d115e45579 |
| NTS205/NTS206 | NTS206 PRO | | | NTS208 (WHITE) | | NTS208 PRO |
|  |  | | |  | |  |
|  |  | | |  | |  |
| nts209 | 1698807057961 | | | 原图抠 | | nti1000 |
| NTS209 | NTS709 | | | NTS300 | | NTI1000 |
| 微信图片_20230801101953-- | 微信图片_20230129213212111 | | | cr318-pro | | 微信图片_20230129213155-- |
| NTS318 | NTS318 (BLUE) | | | NTS318-PRO | | NTS319 |
| **COMMON RAIL INJECTOR TEST BENCH - 4PCS INJECTOR TESTING AT SAME TIME** | | | | | | |
| nti700----- | | | | NTI800 NTI900 | | |
| NTI700 (4pcs) | | NTI700 (BLUE) (4pcs) | NTI800 (1pcs) | | NTI900 (4pcs) | |

| **Functions and Features:**  1. Fully automatic detection of electromagnetic injectors of various brands and models, such as BOSCH, DELPHI, DENSO, SIEMENS, etc.  2. Automatic detection of all piezoelectric injectors.  3. Automatically generate QR code for BOSCH common rail injector.  4. Generate QR code of DENSO common rail injector online.  5. Online generation of C2I and C3I codes for DELPHI common rail injectors.  6. Online generation of SIEMENS common rail injector (VDO) IIC code.  7. Injector solenoid valve inductance, capacitance detection.  8. Detect the response time BIP of the injector.  9. Detect the dynamic stroke of the injector AHE.  10. Online remote assistance and system upgrades are available. | | **功能与特性：**   1. 全自动检测博世、德尔福、电装、西门子等品牌型号电磁式喷油器 2. 全自动检测所有压电式喷油器 3. 检测喷油器响应时间（BIP） 4. 检测喷油器电磁阀电感 5. 检测喷油器衔铁动态行程（AHE） | 1. 全自动检测所有高压共轨泵 2. 全自动检测电装HP0泵 3. 生成博世共轨喷油器IMA补偿码 4. 生成电装共轨喷油器QR补偿码 5. 生成德尔福共轨喷油器C2I,C3I码 6. 生成西门子VDO共轨喷油器IIC码 7. 可在线远程协助及系统升级 | | --- | --- |   1696490492445 |
| --- | --- | --- | --- |

**DIESEL ELECTRONIC CONTROL FULL FUNCTIONS TEST BENC 柴油电喷全功能试验台**

| NTS815A新款 | NTS815A 新作20231004 | nts815a蓝色 |
| --- | --- | --- |
| NTS815A | NTS815A | NTS815A (BLUE) |
| nts825-- | CR918------ | CR818 PRO |
| CR825 | CR918 | CR818-PRO |
| 12PCR | IMG_6517-- | cr825---- |
| 12PCR | 12PCR | NTS826 (Weight Sensor) |

Full function test bench, integrates testing functions such as high-pressure common rail system and mechanical pump testing function in the same test bench, all-in-one.

Can be widely measure Bosch, Denso, Delphi, Siemens and other common rail pump and injector, the software system is equipped with more than 7000 injector data and more than 1900 pump data, allowing users repair work more convenient.

**COMMON RAIL SYSTEM TEST BENCH 共轨试验台**

| CRS708--- | crs708blue | 主图CR718绿色 |
| --- | --- | --- |
| CR3000A-708 / CRS708 | CRS708 (BLUE) | CR718 |
| cr926绿色 | cr926蓝色 | CR926 Tube --- |
| CR925 | CR926 | CR926-(measuring cylinder system) |
| cr816-2 | 1696836774104 | CR817主图 |
| CR816 | CR816 | CR817 |
| cr966 | 966蓝色 | CR966高灰白 |
| CR966 (CRI, CRP, HEUI, EUI/EUP) | CR966 (BLUE) | CR966 (WHITE) |
| cr927 | nt1010 | cr917 |
| CR927 | NT1010 | CR917 |

| **Standard Functions and Features:**   1. Fully automatic detection of electromagnetic injectors of various brands and models, such as BOSCH, DELPHI, DENSO, SIEMENS, etc.   2. Automatic detection of all piezoelectric injectors.  3. Automatically generate QR code for BOSCH common rail injector.  4. Generate QR code of DENSO common rail injector online.  5. Online generation of C2I and C3I codes for DELPHI common rail injectors.  6. Online generation of SIEMENS common rail injector (VDO) IIC code.  7. Injector solenoid valve inductance, capacitance detection.  8. Detect the response time BIP of the injector.  9. Detect the dynamic stroke of the injector AHE.  10. Detection of all high-pressure common rail pumps.  11. Fully automatic detection of DENSO HP0 pump.  12. Online remote assistance and system upgrades are available. | **标准功能与特性:**   1. 全自动检测博世、德尔福、电装、西门子等品牌型号电磁式喷油器 2. 全自动检测所有压电式喷油器 3. 生成博世共轨喷油器IMA补偿码 4. 生成电装共轨喷油器QR补偿码检测喷油器响应时间（BIP） 5. 生成德尔福共轨喷油器C2I,C3I码 6. 生成西门子VDO共轨喷油器IIC码 7. 检测喷油器电磁阀电感 8. 检测喷油器响应时间（BIP) 9. 检测喷油器衔铁动态行程（AHE） 10. 全自动检测所有高压共轨泵 11. 全自动检测电装HP0泵 12. 可在线远程协助及系统升级 |
| --- | --- |
| **Optional Functions:**   1. Test all traditional mechanical in-line pumps and VE pumps. 2. Fully automatic detection of CAT actuation pump. 3. Detect CAT320D common rail pump. 4. Fully automatic detection of BOSCH, CAT, CUMIMINS, DELPHI, Benz, Volvo and other types of pump nozzles and unit pumps, and dual solenoid valve injectors.   5. Fully automatic detection of CAT C7/C9/C-9/3126B HEUI.  6. Fully automatic detection CAT3408/3412/FORD6.0 HEUI.  7. Fully automatic detection of BOSCH VP44 pump.  8. Fully automatic detection of DENSO V3 V4 V5 pumps.  9. Fully automatic detection of BOSCH electronically controlled VE pump.  10. Fully automatic test EDC-ZEXEL RED4 electronically controlled in-line pump.  11. Forced cooling system or external oil cooler. | **选装功能：**   1. 检测所有传统机械式直列泵,VE泵。 2. 全自动检测CAT促动泵。 3. 检测CAT320D共轨泵。 4. 全自动检测BOSCH,CAT,CUMIMINS,DELPHI,Benz,Volvo等各种型号 5. 泵喷嘴和单体泵，以及双电磁阀喷油器。EUI/EUP。 6. 全自动检测CAT C7/C9/C-9/3126B HEUI。 7. 全自动检测CAT3408/3412/FORD6.0 HEUI。 8. 全自动检测BOSCH VP44泵。 9. 全自动检测DENSO V3 V4V5泵。 10. 全自动检测BOSCH电控VE泵。 11. 全自动检测EDC-ZEXEL RED4电控直列泵。 12. 强制冷系统或外置油冷机。 |
| **Technical Parameters:**   | Working Voltage 工作电压 | 380V / 220V | flow sensor range 流量传感器范围 | 0.008-4L/min | | --- | --- | --- | --- | | Output Power 输出功率 | 7.5KW / 11KW / 15KW / 18.5KW / 22KW | flow sensor Accuracy 流量传感器精度 | 0.3% | | Rail Pressure 轨压 | 0-2800bar | Motor speed range 电机调速范围 | 0-4000RPM | | Rail pressure accuracy 轨压精度 | ±0.5bar | Temperature control range 控温范围 | 40±2 | | |

**HEUI INJECTOR TEST BENCH 中压共轨喷油器试验台**

| cat2000---- | cat3100---- | | 1696575507147 | | cat3300 | |
| --- | --- | --- | --- | --- | --- | --- |
| CT796 / CT2000 | CT3100 | | CT3200 | | CT3300 | |
| cat1000原图抠 | CT318 | | | C7 C9 C-9 3126B | 3408 3412 ford6.0- | | --- | --- | | C7 C9 C-9 3126B | 3408 3412 ford6.0 | | 3412E ISUZU | G2.9 3116 | | 3412E ISUZU | G2.9 3116 | | | de39423b4c85169425281d2be49184d | |
| CT1000 | CT318 | | HEUI ADAPTERS | |
| **EUI EUP TEST BENCH 泵喷嘴单体泵试验台** | | | | | | |
| eus2000 | | eus3000 | | EUS3800-2 | | EUS3800-1 |
| EUS2000 | | EUS3000 | | EUS3800 | | |
| 1697783226233 | | 1697783271356 | | EUIEUP-I | | EU103 CAMBOX  EU103 CAMBOX |
| EUI/EUP-V2 TESTER | | EUS900/EUS2000 EUI/EUP | | EUS2001 EUI/EUP | |
| 1697784087844 | | 1697784109456 | | EU100 | |
| EUS1600 | | EUS1800 | | EU100 CAMBOX | |

**COMMON RAIL TESTER 共轨测试仪**

| cr1000a-mini | cr1000a-mini- | cri220 | cri230 |
| --- | --- | --- | --- |
| CRI 100 / CR1000A-MINI  Common rail injector tester | CRI 100 / CR1000A-MINI  Common rail injector tester | CRI 220  Common rail injector tester | CRI230  CR injector tester with AHE function |
| cri250 | cr-c | cr1000 | cr1000----- |
| CRI 250  Common rail piezo injector tester | CR-C  Common rail injector tester | CR1000  Common rail injector tester | CR1000 (2)  Common rail injector tester |
| cr1000- | cr1000-- | cr1000---- | cr1000--- |
| CR1000 (3)  Common rail injector tester | CR1000 (4)  Common rail injector tester | CR1000 (5)  Common rail injector tester | CR1000 (6)  Common rail injector tester |
| cr1000------ | cr1800 | CR1800-GREEN | cr tester-l |
| CR1600  Common rail injector tester | CR1800  Common rail injector tester | CR1800-AHE  CR injector tester with AHE function | CRI-L  Common rail injector tester |
| CR-HT | lcr02 | LCR03 | LCR06 |
| CR-HT  Common rail injector stroke tester | LCR02  Test injector inductance tester | LCR03  Professional LCR Meter | LCR06  Professional LCR Meter |
| biP | cr2000a | CRP 测试仪 | CRP860 |
| BIP  Injector response time tester | CR2000A  Common rail system tester | CRP900  Common rail pump tester | CRP860  Common rail pump tester |
|  |  |  |  |
| 320d | tl-600-1 | crs390 | crs390-4  Accessories  When a diesel injection pump test bench want to add common rail system will need these. |
| 320D  CAT320D/HEUI/CRP tester | TL-600  Multi-function tester  (with display) | CRS390  Multi-function tester  (with touch screen) |

**COMMON RAIL INJECTOR STAGE 3 TEST TOOL 共轨喷油器三阶段测试工具**

| cr3a | cr3c | cr3 |
| --- | --- | --- |
| CR3-A | CR3-C | Screen demo |
|  |  |  |
| CRM1000 | **Can Measure（可以测量）:**   1. Needle valve lift. （针阀升程） 2. The opening pressure of the needle valve.   （针阀开启压力）   1. The maximum lift of the armature assembly.   （衔铁总成最大升程）   1. The actual lift of the armature.（衔铁实际升程） 2. Solenoid valve air gap.（电磁阀空气间隙） 3. Solenoid valve spring compression.   （电磁阀弹簧压缩量）   1. Drive the solenoid valve.（驱动电磁阀）   The internal storage of a variety of common rail injector stroke measurement standard data, suitable for BOSCH, CAT, DENSO, DELPHI, SIEMENS and other brands.  （内部储存多种共轨喷油器行程测量标准数据） | NTM100 |
| CRM1000 / NTM100 | NTM200  NTM200 (=NTM100+F508D)  With diesel automobile computer fault diagnosis instrument function (optional) |
| NTM300 |
| NTM300 |

**AUTOMOTIVE DIAGNOSTIC SCANNER TOOL 汽车诊断扫描仪工具**

| 1698388332313 | f508d | D8 |
| --- | --- | --- |
| AUTOMOTIVE DIAGNOSTIC SCANNER  DIESEL 12V+24V + PETROL | F508D DIAGNOSTIC SCANNER (EN)  DIESEL 24V | F508D DIAGNOSTIC SCANNER (RU)  DIESEL 12V+24V |
|  |  |  |
| KW650 | kw870 | kw890 |
| KW650  4-16V  Motorcycle & Car Battery Tester | KW870 ( 2 in 1 )  Car Battery Tester  + Car OBD-II Diagnostic Tool | KW890 ( 3 in 1 )  Car Battery Tester  + Car Diagnostic Scanner  + Oil Service Light Reset |

**ELECTRONIC CONTROL VE PUMP TESTER 电控VE泵测试仪**

| 1698042541512 | 1698042587538 | 1698042608371 | 1698042618658 |
| --- | --- | --- | --- |
| EDC-VE  For BOSCH VP37 Pump | VP44-A  For BOSCH VP44 Pump | VP44-B  For BOSCH VP44 Pump | VP44-C  For BOSCH VP44 Pump |
| 1698042708648 | 1698042770602 | 1698042777607 | 1698042784444 |
| RED4 EDC  For ZEXEL RED4 Electronic in-line pump | ECD-A  For DENSO ECD-V3,V4,V5 Pump | ECD-B  For DENSO ECD-V3,V4,V5 Pump | ECD-C  For DENSO ECD-V3,V4,V5 Pump |

**NOZZLE TESTER 油嘴测试仪**

| Functions: For testing injection nozzle opening pressure & chattering.  Leakage test & spray pattern.  Atomization & chatter characteristic tests. | | | | | 功能： 用于测试喷嘴打开压力和颤振。  泄漏测试和喷雾模式。  雾化和颤振特性测试。 | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1698803905631 | 1698803914053 | | 1698803920664 | | 1698803926782 | | 1698803933606 |
| PS400A Nozzle tester  (iron base) | S60H Nozzle tester  (PA plastic base) | | S80H Nozzle tester  (Aluminum base) | | S90H Nozzle tester  (PA plastic base + digital gauge) | | S100H Nozzle tester  (PA plastic base) |
| 1698803968245 | 1698803983835 | | 1698803994524 | | 1698804111674 | | 1698804118823 |
| PJ40 Nozzle tester | PJ50 Nozzle tester | | PS201 Nozzle tester | | S116 SIEMENS PIEZO INJECTOR TESTER | | CRI600A Injector tester  (with motor inside tester) |
| PS200A | | cr700-1 | | cr800-1 | | cr800-2 | |
| PS200A Nozzle tester | | CR700 Common rail injector tester | | CR800 Common rail injector tester  (With measuring cylinder system) | | CR800S Common rail injector tester  (With measuring cylinder system) | |
| pq400 | | pq400s | | pq1000 | | pq2000 | |
| PQ400  Double springs Nozzle tester | | PQ400S  Double springs Nozzle tester(Digital) | | PQ1000  Common rail injector tester  (With ultrasonic cleaner) | | PQ2000  Common rail injector tester  (With ultrasonic cleaner) | |

**GASOLINE INJECTOR & PUMP TESTER 汽油嘴和汽油泵测试仪**

| qcm200-4c | qcm200-6c | qcm200-8c | qcm300 |
| --- | --- | --- | --- |
| QCM200-4C  GASOLINE INJECTOR TESTER & CLEANER | QCM200-6C  GASOLINE INJECTOR TESTER & CLEANER | QCM200-8C  GASOLINE INJECTOR TESTER & CLEANER | QCM300  GASOLINE PUMP TESTER |

**GDI INJECTOR & PUMP TESTER GDI汽油嘴和汽油泵测试仪**

| ntg300  16981340691891698988352483 | **NTG-300**  GDI automotive fuel injector tester  1. According to different injector types, the appropriate voltage can be selected for detection and cleaning work. The voltage is 12V, 24V, and 120V optional.  2. Can perform idle speed, medium speed, high speed, sealing, atomization, fuel injection volume, and uniformity tests.  3. The detection time can be set.  4. Equipped with an ultrasonic cleaning machine to clean the nozzle.  5. The detection pressure of the nozzle can be adjusted arbitrarily from 0 to 100 bar.  6. Input voltage 220V. | **NTG-300**  GDI汽车喷油器测试仪    1、根据不同的喷油器类型，可选择合适的电压进行检测和清洗工作。 电压有12V、24V、120V可选。  2、可进行怠速、中速、高速、密封、雾化、喷油量、均匀性测试。  3、检测时间可设定。  4、配备超声波清洗机，对喷嘴进行清洗。  5、喷嘴检测压力可在0～100bar任意调节。  6、输入电压220V。 |
| --- | --- | --- |
| nt-g  nt-g- | **NT-G**  GDI Pump Performance Test Bench  Used for GDI pump pressure, flow, performance testing of solenoid valves.  Main technical features:  1. High-speed 4 cam design, spraying speed can reach 10000 times/min.  2. Adjustable jet advance angle.  3. The spray angle (pulse width) is adjustable.  4. Pressure control range: 0-280bar.  5. Flow test range: 0-4L/min. | **NT-G**  GDI油泵性能试验台  用于的GDI泵压力，流量，电磁阀的性能检测。  主要技术特点：  1、高速4凸轮设计，喷射速度可到10000次/分钟。  2、喷射提前角度可调。  3、喷射角度（脉宽）可调。  4、压力控制范围：0-280bar。  5、流量测试范围：0-4L/min。 |

**PT CUMMINS TEST BENCH PT康明斯试验台**

| 1699864057491 | 微信图片_20231114093532--- | 1699864114276 | 1699864119891 |
| --- | --- | --- | --- |
| PT212  FOR PT CUMMINS PUMP | PT212-PRO  FOR PT CUMMINS PUMP | PT411  FOR PT CUMMINS INJECTOR | PT414  FOR PT CUMMINS INJECTOR |
| 1699864134124 | 1699864141633 | 1699864149805 | 1699864157439 |
| PT301  FOR PT CUMMINS INJECTOR LEAKAGE | PT101  TOP STOP SETTING FIXTURE | PT800  CUMMINS TOOLS | CAMBOX ACCESSORIES  FOR PT414 |

**NT-D4 TURBO COMPREHENSIVE PERFORMANCE TEST BENCH 涡轮增压器综合性能试验台**

| 1699496903195 | | 1699497065394  1699497130773 | **Test items**  1. Detect the speed characteristics of automobile turbocharger.  2. Detect the air flow of the turbocharger of the car.  3. Detect the boost pressure of the turbocharger of the car.  4. Detect the intake pressure of the automobile turbocharger.  5. Detect the lubrication state of the turbocharger of the automobile.  **检测项目**  1、检测汽车涡轮增压器的转速特性。  2、检测汽车涡轮增压器的空气流量。  3、检测汽车涡轮增压器的增压压力。  4、检测汽车涡轮增压器的进气压力。  5、检测汽车涡轮增压器的润滑状态。 |
| --- | --- | --- | --- |
| **Technical parameters 技术参数:** |  | | |
| 电压 Voltage: 380V 3Ph | 油泵额定压力Rated pressure of oil pump: 0-1.6Mpa | | |
| 气流产生器功率 Airflow generator power: 7.5KW | 油泵最大排量Maximum displacement of oil pump: 6L/min | | |
| 油泵电动机功率 Oil pump motor power: 550W | 气流产生器转速 Speed of airflow generator: 0--50000r/min (speed can be customized) (如需高速可定做) | | |
| 变频器 Inverter: 11KW | 气流产生器最大风压 Maximum wind pressure of airflow generator: 38Kpa | | |
| 设备颜色 Color: 可定做can be customized | 气流产生器最大流量 Maximum flow of airflow generator: 1500 cubic meters / hour 立方/小时 | | |

**NT-D3 TURBO OVERALL FULL SPEED BALANCING MACHINE 涡轮增压器整体全速平衡机**

| NT-D3 | | 详情图 | | | 1699431637306 | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| The bracket and system adopt a new design to ensure more convenient and reliable operation.  The machine's data reading and control system adopts full digital control, and adopts the latest generation of industrial computer Windows XP operating system for processing.  Using brand new software and 15-inch color LCD monitor, not only all functions and test results are clear at a glance, but the operator can directly talk to the machine. | | | | 其支架和系统采用全新设计，确保操作更方便可靠。  机器的数据读取和控制系统采用全数字化控制，采用最新一代工业计算机Windows XP操作系统进行处理。  采用全新软件和15寸彩色液晶显示器，不仅所有功能和测试结果一目了然，而且操作者可以直接与机器对话。 | | | |
| **Features:**   1. Frequency conversion speed regulation, adjustable speed 0-100000R/M, according to your request.   2) The test result is accurate and stable.  3) Free choice of parameters, self-defining memory recording method.  4) Complete parts and components meet the requirements of most turbochargers.  5) Equipped with a compact pneumatic hand wheel, weight reduction, easy and efficient work. | | | | **特点：**  1）变频调速，速度0-100000R/M可调（根据实际需要）  2) 测试结果准确、稳定。  3) 参数自由选择，自定义记忆记录方式。  4) 零部件齐全，满足绝大多数涡轮增压器的要求。  5) 配备紧凑型气动手轮，去重，工作轻松高效。 | | | |
| **Technical Parameter(技术参数):** | | | | | | | |
| 试片工作效率 Working rate of test piece: 0-100,000R/Min 可调节 adjustable | | | 风扇功率 Fan power: 7.5KW | | | 液压 Hydraulic pressure: 0-6bar. | |
| 油箱 Fuel tank: 5 liters (SAE 15/30) | | | 电压 Voltage: 380V / 50-60HZ | | | 颜色 Color: 可定制customizable | |

**NT-L INJECTOR NOZZLE / VALVE PLATE / VALVE CAP(VALVE BONNET) FLOW TEST BENCH**

**NT-L 喷油器油嘴/阀板/阀帽 流量试验台**

| 技术参数：   1. 标准测试压力：100bar（20~120bar可设定）； 2. 测试压力稳定性：100bar±0.5bar； 3. 压力传感器精度0.2%，压力显示精度0.1bar； 4. 油温控制范围：40±2℃（10-100℃可设定）； 5. 流量测试范围：0.1～4L/min； 6. 流量测试重复精度±0.003L/min； 7. 每件测试节拍：<6秒； 8. 可设定流量上下限，对超差件作出判断； 9. 可设定分组规则，对测试件进行流量分组； 10. 可选配背压功能，背压范围0~60bar可设定。 | Technical Parameters:   1. Standard test pressure: 100bar (20~120bar can be set); 2. Test pressure stability: 100bar±0.5bar; 3. The pressure sensor accuracy is 0.2%, and the pressure display accuracy is 0.1bar; 4. Oil temperature control range: 40±2℃ (10-100℃ can be set); 5. Flow test range: 0.1～4L/min; 6. Flow test repeatability ±0.003L/min; 7. Test beat per piece: <6 seconds; 8. The upper and lower flow limits can be set to make judgments on out-of-tolerance parts; 9. Grouping rules can be set to group traffic for test pieces; 10. The back pressure function is optional and the back pressure range can be set from 0 to 60 bar. | 1699422399092 |
| --- | --- | --- |

**NT-Y INJECTOR NOZZLE / VALVE PLATE MICROPOROUS EXTRUSION GRINDING MACHINE**

**NT-Y 喷油器油嘴/阀板 全自动微孔挤压研磨机**

Mainly used for nozzles/control valves/bonnets and micro-hole machining that require precise flow requirements.

主要用于油嘴/控制阀/阀帽以及需要精密流量要求的微孔加工。

| **主要技术参数：**   1. 加工压力：1～20MPa 2. 加工成品流量散差：≤±1%   （毛坯件加工余量5%～10%左右）   1. 加工效率：10～20s/件   （加工余量＜10%）   1. 电压三相380V/220V可选 2. 功率5.5KW | **Technical Parameter:**  1. Processing pressure: 1～20MPa  2. Flow dispersion of finished products: ≤±1%  (machining allowance of blanks is about 5% to 10%)   1. Processing efficiency: 10~20s/piece   (machining allowance＜10%)  4. Voltage three-phase 380V/220V optional  5. Power 5.5KW | 1699422323203 |
| --- | --- | --- |

**NT-S SCV VALVE FLOW PERFORMANCE TEST BENCH NT-S 燃油计量阀流量性能试验台**

| 主图 | | 主图2 | | | 1699347610690 | |
| --- | --- | --- | --- | --- | --- | --- |
| Single working station | | Double working station | | | Performance display | |
| 1699406636866 | 1699406712668 | 1699406784431 | 1699406986559 | | 1699407127675 | 1699407158000 |
| **Main Specifications（主要技术指标）:** | | | |  | | |
| 工作电源 Power supply: 380V/50Hz | | | 流量测量范围 Flow measurement range: 1-10000ml/min, accuracy 0.1ml | | | |
| 工作压力 Working pressureg: 0-10bar adjustable, accuracy ±0.01bar | | | 温度自动控制 Automatic temperature control: 40±2℃, can be set | | | |
| 电流调节范围 Current adjustment range: 0-3A, accuracy 0.001A | | | 颜色和形状 Color and shape: customizable 可定制 | | | |
| **The main function:**  1. PWM pulse width modulation output drive signal, measure the flow of the metering valve when the oil pressure is stable at 5±0.1bar;  2. It can test the normally open and normally closed metering valves of a variety of structural forms and sizes;  3. Automatically collect, process and draw the metering valve current-flow curve, and generate data reports;  4. It can be used to manually adjust the current, and perform current-flow test on the fixed point;  5. Automatically and judge whether the pressure, flow, and ring difference of each measuring point of the metering valve component are qualified;  6. It has the functions of continuous test, single point test, standard recording, reliability fatigue run-in, etc;  7. It has the functions of standard database compilation, storage, uploading, statistics, calling, printing, etc.;  8. The dual-station equipment can detect two SCV valves respectively, with stable output and high efficiency. | | | | **主要功能：**  1. PWM脉宽调制输出驱动信号，油压稳定在5±0.1bar时测量计量阀的流量；  2.可对多种结构形式及尺寸的常开及常闭计量阀的测试；  3.自动采集、处理并绘制计量阀电流—流量曲线，生成数据报表；  4.可满足手动调整电流，对固定点进行电流-流量测试；  5.自动并判断计量阀部件各个测量点的压力、流量、环差是否合格；  6.具有连续测试、单点测试、标准录制、可靠性疲劳磨合等功能；  7.具有标准数据库编制、存储、上传、统计、调用、打印等功能；  8、双工位型号可分别检测两只产品，输出稳定，效率高。 | | |

**NYM930 hydraulic comprehensive test bench NYM930液压综合试验台**

| 1699682117297-- | **Functions:**   1. Testing of open and closed hydraulic pumps:   flow, pressure, variable characteristics, volumetric efficiency, pressure curve, flow curve, etc.   1. Testing of low-speed hydraulic motors and high-speed hydraulic motors:   flow and pressure. Can simple test the pressure and flow of hydraulic valves.  **功能：**   1. 开、闭式液压泵的测试：   流量、压力、变量特性、容积效率、压力曲线、流量曲线等。   1. 低速液压马达和高速液压马达的测试：   流量、压力,可简单测试液压阀的压力和流量。 | |
| --- | --- | --- |
| **Features:**  1. The motor is manually loaded and the hydraulic pump is automatically loaded; the frequency converter is variable speed controlled.  2. The integrated oil circuit block design makes the system have the characteristics of less leakage, compact structure, easy disassembly and assembly, etc.  3. The output oil circuit is arranged neatly and clearly, making it easy to operate and install.  4. The integrated design of the test bench is divided into main pump station operating area, motor operating area and equipment operation control area. | | **特点：**  1. 马达手动加载，液压泵自动加载；变频器变速控制。  2. 采用集成油路块设计，使系统具有泄漏少，结构紧凑、拆装、方便等特点。  3. 输出油路排列整齐、清晰，易于操作安装。  4. 试验台一体化设计，分主泵站操作区、马达操作区和设备操作控制区。 |

**Main Specifications 主要技术指标：**

| 功率 Power：45KW＋7.5KW＋0.75KW  最大压力 Maximum pressure：35MPa  主系统流量 Main system flow：400L | 液压泵实验转速 Hydraulic pump experimental speed：0--1500r/min  回油流量 Return oil flow：100L |
| --- | --- |

**NOZZLE/PLUNGER RADIAL SEAL TEST BENCH 油嘴/柱塞径部密封试验台**

This test bench is a special equipment for testing the radial sealing performance of the diesel injector nozzle assembly and plunger assembly.

该试验台是检测柴油喷油器油嘴偶件和柱塞偶件的径部密封性能的专用设备。

| 原图抠 | Main performance features:  1. The working pressure is adjustable from 0-40MPa, and the foot pedal controls automatic clamping.  2. The display shows diesel pressure and sealing time;  3. The preparatory pressure, timing pressure and stop pressure can be flexibly set.  4. Use a gas-liquid booster pump to generate pressure quickly and stably.  5. With manual and automatic modes, high testing efficiency.  6. Accurate timing and good repeatability.  7. Grouping rules can be set to automatically determine eligibility.  8. The dimensions are in line with ergonomics, and the operator can operate while sitting. | 主要性能特点：  1、工作压力0-40MPa可调，脚踏板控制自动夹紧。  2、显示屏显示柴油压力和密封时间；  3、可灵活设定预备压力、计时压力和停止压力。  4、采用气液增压泵产生压力迅速稳定。  5、具有手动和自动模式，测试效率高。  6、计时精准，重复性好。  7、可设定分组规则，自动判断是否合格。  8、外形尺寸符合人体工程学，操作人员可坐姿操作 |
| --- | --- | --- |

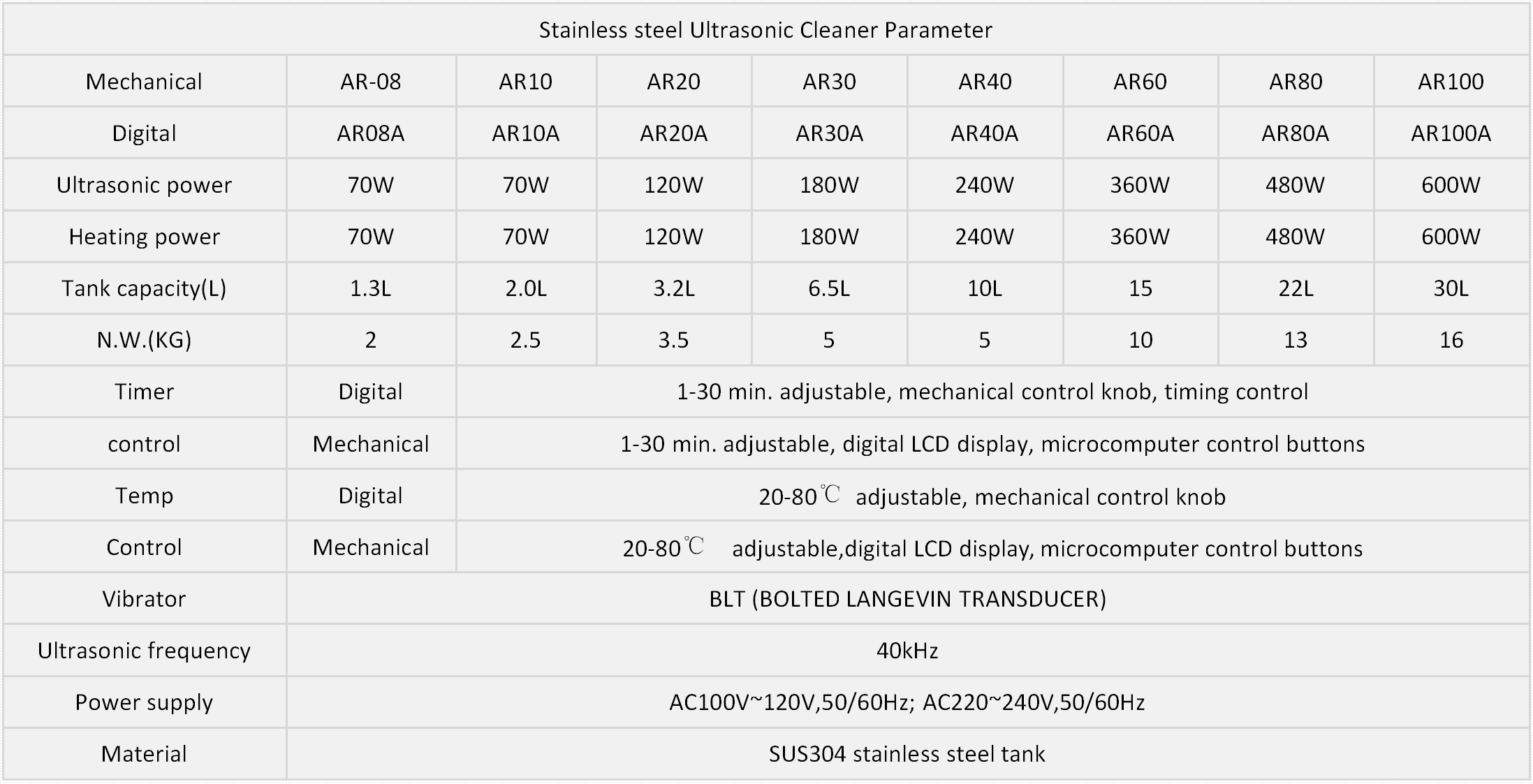
**NT-P INJECTOR PERFORMANCE TEST BENCH NT-P 喷油器性能试验台**

| Its main function is: when using the static method to detect the performance of the injector assembly, it provides system pressure, realizes fine-tuning and fine-tuning functions, observes the atomization state of a single injection, and measures the sealing time.  a) Motorized and manual detection of the opening pressure of the injector;  b) Motorized and manual inspection of injector spray shape and quality;  c) Manually detect the injector sealing time. | 其主要作用为：在使用静态法检测喷油器总成性能时，提供系统压力，实现微调、精调功能，观察单次喷射雾化状态，测量密封时间。  a）机动和手动检测喷油器的开启压力；  b）机动和手动检测喷油器喷雾形状及质量；  c）手动检测喷油器密封时间。 |
| --- | --- |

| 1699928669970-- | Main Technical Parameters  1) Motor power: 3kw;  2) Fuel injection pump model: BOSCH CP3;  3) Test oil tank volume: 42L;  6) Pressure gauge range: 0-60MPa, accuracy: level 1.6;  7) Precision pressure gauge range: 0-60MPa, accuracy:0.4 level;  8) Fuel filtration accuracy: 5μm:;  9) Pressure time tester: sealing time accuracy is 0.1 seconds;  10) Maximum pressure test range: 0-40MPa,  effective test range: 0-36MPa;  11) Pressure sensor accuracy: ≦0.5%;  12) Overall dimensions (L type, mm): 1145×800×1580;  13) Weight (L type): 600Kg. | 主要技术参数  1）电机功率：3kw；  2）喷油泵型号：BOSCH CP3；  3）试验油油箱容积：42L；  6）压力表量程：0-60MPa，精度：1.6级；  7）精密压力表量程：0-60MPa，精度：0.4级；  8）燃油过滤精度：5μm：；  9）压力时间测试仪：密封时间精度0.1秒；  10）压力最大测试范围：0-40MPa，  有效测试范围：0-36MPa；  11）压力传感器精度：≦0.5%；  12）外型尺寸（L型，mm）：1145×800×1580；  13）重量（L型）：600Kg。 |
| --- | --- | --- |

**ULTRASONIC CLEANER 超声波清洗机**

| cleaner1 | cleaner2 | cleaner3 |
| --- | --- | --- |
| Mechanical Timer and Heater | Mechanical Timer and Heater | Digital Timer and Heater (Adjustable power) |



**CLEANER 清洗设备**

| 柴油油箱清洗机 | scr | 原图抠 |
| --- | --- | --- |
| NTC-Diesel Fuel Tank Cleaner | SCR Cleaning Machine | DOC DPF SCR High Temperature Regeneration System |

**WORKBENCH 工作台**

| 老款工作台 | 黑白工作台 | 原图抠--绿色中国风工作台 | 灰蓝色工作台原图抠 |
| --- | --- | --- | --- |
| WORKBENCH 01 | WORKBENCH 02 | WORKBENCH 03 | WORKBENCH 04 |

**COMMON RAIL TOOLS 共轨工具**

| 1060-1 | 1060-2 | 1060-2+扭力 | 1060-3 | 1060-3+扭力 |
| --- | --- | --- | --- | --- |
| NO.1060-1  Injector dismounting stand | NO.1060-2  38pcs CR Injector tools | NO.1060-2A  38pcs tools + torque wrench | NO.1060-3  40pcs CR Injector tools | NO.1060-3A  40pcs tools + torque wrench |
| 1060-4 | 1061 | 1698220747939 | 1698220919222 | 1698220929250 |
| NO.1060-4  23pcs tools+torque wrench | NO.1061  Injector dismounting stand | NO.1062  20pcs CR injector tools | NO.1063  Injector adaptor(12pcs) | NO.1063-2  short clamp injector adaptor |
| 1064 | 1065 | 1066 | 1067 | 1067A |
| NO.1064  rapid connector Φ7 Φ9 | NO.1065  Common rail pump tools | NO.1066  CR injector demolition tools | NO.1067  common rail pressure tester | NO.1067A  common rail pressure tester |
|  |  |  |  |  |
| 1068 | 1069A | 1069 | 1070 | 1071 |
| NO.1068  meter holder | NO.1069  grinding tools for valve cap | NO.1069A  grinding tools for valve cap | NO.1070  Leaking test tools for valve assy | NO.1071  CP1/CP3 pump rotating tools |
| 1072 | 1073 | 1073a | 1073B | 1074 |
| NO.1072  8pcs injector cleaning tool | NO.1073  electron microscope | NO.1073A  Binocular microscope | NO.1073B  High definition electron microscope | NO.1074  shims measure tools |
| 1075 | 1076 | 1076a | 1076b | 1076C |
| NO.1075  17pcs injector cleaning tool | NO.1076  adaptor for denso 7050 | NO.1076A  DENSO G2 injector adapter | NO.1076B  DENSO-VOLVO adapter | NO.1076C  John Deere Denso 6480 adapter |
| 1698290332154 | 1077A | 1698375924164 | 1078a | 1079 |
| NO.1077  H10 adaptor for denso injector | NO.1077A  1211 injector oil back adaptor | NO.1078  CAT 320D injector H20 Adapter | NO.1078A  Various oil return adapters | NO.1079  multi-functional adapter |
| 1080 | 1081 | 1082 | 1082A | 1083 |
| NO.1080  multi-functional adapter | NO.1081  bosch fuel collector | NO.1082  bosch pump valve puller | NO.1082A  bosch 818 pump valve puller | NO.1083  delphi pump valve puller |
| 1084 | 1085 | 1086 | 1087 | 1088 |
| NO.1084  common rail injector valve testing tools | NO.1085  common rail injector valve testing tools | NO.1086  common rail injector valve testing tools with shims | NO.1087  New fuel injector measuring tool | NO.1088  fuel injector flow tools |
| 1088A | 1088b | 1088c | 1088d | 1088e |
| NO.1088A  Rapid Return oil adaptor | NO.1088B  Built-in injector return liner  1set=10pcs | NO.1088C  BOSCH DENSO Remote injector return connector | NO.1088D  Common rail injector return oil connector sets | NO.1088E  Rapid Return oil adaptor |
| 1089 | 1090 | 1091 | 1091a | 1092 |
| NO.1089  cylinder pressure meter for diesel truck | NO.1090  CR injector filter tools | NO.1091  HP0 pump plunger repair tools | NO.1091A  HP0 pump plunger repair tool | NO.1092  three jaw tools |
| 1092A | 1092b | 1093 | 1093A | 1094 |
| NO.1092A  three jaw tools without rod | NO.1092A  three jaw tools without rod | NO.1093  CAT 320D tools | NO.1093A  CAT 320D tools | NO.1094  Metering unit valve tool |
| 1095 | 1095a | 1095b | 1095c | 1096 |
| NO.1095  320D Pump tool | NO.1095A  320D Pump solenoid valve spanner | NO.1095B  320D Pump tool | NO.1095C  320D Pump stand and coupling | NO.1096  CAT 320D tools |
| 1096a | 1097 | 1098 | 1098a | 1099 |
| NO.1096A  CAT 320D 336E tools | NO1097  piezo injector tools | NO.1098  injector dismounting stand | NO.1098A  injector dismounting stand | NO.1099  new CUMMINS injector tools |
| 1100 | 1100A | 1101 | 1101A- | 1102 |
| NO.1100  CAT 320D injector tools | NO.1100A  CAT 320D injector tools | NO.1101  Torque wrench | NO.1101A  Torque wrench | NO.1102  denso injector filter tools |
| 1103 | 1104 | 1105 | 1105a | 1106 |
| NO.1103  T02 injector stand | NO.1104  T04 injector stand | NO.1105  T06 injector stand | NO.1105A  6pcs injector stand | NO.1106  injector collect stand |
| 1107 | 1108 | 1109 | 1109a | 1110 |
| NO.1107  Bosch 120 injector valve puller | NO.1108  Bosch 110 injector valve puller | NO.1109  repair parts plate | NO.1109A  repair parts plate | NO.1110  micrometer stand |
| 1111 | 1112 | 1113 | 1113a | 1113b |
| NO.1111  back oil adaptor | NO.1112  CAT 320D C7/C9/C-9 tools with shims | NO.1113  cummins ISG injector tools with shims | NO.1113A  Cummins ISG injector tools | NO.1113B  Cummins ISG injector valve testing tools |
| 1113c | 1113d | 1114 | 1115 | 1116 |
| NO.1113C  ISG CR injector disassemble injector /measuring tools | NO.1113D  XPI 2872544 injector oil back adapter | NO.1114  Foton Cummins ISG injector spanner | NO.1115  low pressure supply testing tools | NO.1116  CRIN4 BOSCH 4 pins injector disassemble tools |
| 1116a | 1117 | 1118 | 1119 | 1120 |
| NO.1116A  CRIN4 BOSCH 4 pins injector disassemble tools | NO.1117  Oil proof digital dial indicator | NO.1118  Magnetic base | NO.1119  Oil proof shim measuring tools | NO.1120  Denso injector valve testing tools without dial indicator |
| 1121 | 1122 | 1123 | 1124 | 1125 |
| NO.1121  bosch piezo valve repair tools | NO.1122  bosch/denso solenoid wrench | NO.1123  CAT 320D solenoid wrench | NO.1124  Diesel Pump Bracket | NO.1125  Automobile circuit detector |
| 1126 | 1127 | 1128 | 1129 | 1129a |
| NO.1126  Vernier Caliper | NO.1127  shims grinding tool | NO.1128  Digital multi-meter | NO.1129  Auto resistance simulator | NO.1129A  Auto resistance simulator |
| 1129b | 1130 | 1131 | 1131a | 1131b |
| NO.1129B  Solenoid valve inductance tool | NO.1130  Infrared Thermometer | NO.1131  CR injectors Fixture tool | NO.1131A  CR injector fixture tools | NO.1131B  CR injector fixture tools |
| 1131c | 1132 | 1133 | 1134- | 1135 |
| NO.1131C  CR injector fixture tools | NO.1132  Fuel injector disassembly puller from vehicle | NO.1133  Simple common rail injector dismounting tools | NO.1134  dismounting tools for filter | NO.1135 (2500bar)  CR high pressure oil way plunger pressure testing tool |
| 1135a | 1136 | 1137 | 1138 | 1139 |
| NO.1135A (2000bar)  CR high pressure oil way plunger pressure testing tool | NO.1136  O ring/ oil seal dismounting tool | NO.1137  Turbocharge testing tools | NO.1138  Shims box | NO.1139  PIEZO injector spanner |
| 1140 | 1141 | 1142 | 1143 | 1144 |
| NO. 1140  small cleaning basket | NO.1141  simple CR tools(5pcs) | NO.1142  Bosch120 spanner 27&28mm | NO.1143  Delphi A3/E3 stand | NO.1144  CR pipe adapter |
| 1144a | 1145a | 1145b | 1145c | 1146 |
| NO.1144A  CR pipe adapter | NO.1145A  common rail injector universal adaptor | NO.1145B  common rail injector universal adaptor | NO.1145C  common rail injector universal adaptor | NO. 1146  BOSCH piezo injector 8 angel spanner -15&16mm |
| 1147 | 1147a | 1148 | 1149 | 1150 |
| NO.1147 (2500bar)  CR high pressure testing tools | NO.1147A  CR high pressure testing tools | NO.1148  PIEZO injector tools | NO.1149  injector puller | NO.1150  CHONGYOU injector tools |
| 1151 | 1152 | 1152a | 1153 | 1154 |
| NO.1151  DENSO 1211 Dismounting and measuring tools & shims | NO.1152  SIEMENS Measuring tool & shims | NO.1152A  SIEMENS Piezo injector solenoid valve spanner | NO.1153  Full series truck dismounting tools | NO.1154  BOSCH full series piezo injector tools |
| 1155 | 1156 | 1157 | 1158 | 1159 |
| NO.1155  CRIN2 (Bosch 120 series) | NO.1156  CRIN2 (Bosch 110 series) | NO.1157  SIEMENS piezo injector | NO.1158  BOSCH 120 VEH | NO. 1159  DENSO G3 |
| 1160 | 1161 | 1162 | 1163 | 1168 |
| NO.1160  SIEMENS piezo tool | NO.1161  CAT320 Measuring tool | NO.1162  C7 C9 measuring tool | NO.1163  measuring tools set | NO.1168  Injector repair kits install tool |
| 1169 | 1170 | 1170a | 1171 | 1171A |
| NO.1169  Stoke tools for CUMMINS 4384786 injector | NO.1170  Various couplings | NO.1170A  Lock nut couplings | NO.1171  SD1000 Injector mist suction machine | NO.1172  CR-XWQ Injector mist suction machine |
| 0259 | 1174- | 1174 | 1175 | 1176 |
| NO.1173  Pump disassembly tools  CP1 CP2 CP3 HP0 PT VP37 VP44 | NO.1174  CR Pump disassembly tools | NO.1175  BOSCH CP4 /DENSO HP3 HP4 pump plunger tool | NO.1176  DENSO G3 G4 injector tool | NO.1177  Common rail injector tool |
|  |  |  |  |  |
| 1177 | 1178a | 1178b | 1173 | 1179 |
| NO.1178  Dongfeng Longqing 1112010-E9300 injector tool | NO.1178A  DELPHI F2R Dongfeng Longqing injector tool | NO.1178B  DELPHI F2ENPI Dongfeng Longqing 3+3 injector tool | NO.1179  L’ORANGE 4000.3MTU disassembly tool | NO.1180  Injector pneumatic puller |
| 1179a | 1181 | 1182 | 1183 | 1184 |
| NO.1180A  Injector pneumatic puller | NO.1181  Piezo injector repair tools | NO.1182  Bosch 120 Series Injector Solenoid Valve Spacer Tool | NO.1183  Denso Sinotruk MAN L plate coupling kit | NO.1184  LiaoNing XinFeng injector repair tools |
| 1185 | 1186 | edc3000 | 1127A | 1185 |
| NO.1185  CHONGYOU injector disassembly and measurement tools | NO.1186  Bosch CP4 pump disassembly and repair tools | NO.1187  EDC3000 Tool/Tester Trolley | NO.1188  Injector shims grinding machine | NO.1189  Sealing tester for common rail injector valve cap and control valve |

**HEUI/EUI/EUP TOOLS 中压共轨/泵喷嘴/单体泵 工具**

| 0102 | 1699000757686 | 1699000773487 | 0105 | 0106 |
| --- | --- | --- | --- | --- |
| NO.0102  EUI disassembly fixing tool | NO.0103  EUI CUMMINS N14/L10 tools | NO.0104  VOLVO 20430583/  20440388/2050062 tools | NO.0105  CAT HEUI 3126/C7/C9 tools | NO.0106  HEUI/EUI dismounting stand |
| 0106a | 0106b | 0107 | 0108 | 0109 |
| NO.0106A  HEUI/EUI Spring remove tool | NO.0106B  HEUI/EUI dismounting tool | NO.0107  CAT C7/C9 injector puller | NO.0108  CAT C7/C9 spool valve dismounting tool | NO.0109  CAT C7/C9 simple dismounting stand |
|  |  |  |  |  |
| 0110 | 0111 | 0112 | 0113 | 0114 |
| NO.0110  C7/C9 spool valve fix tools | NO.0111  measuring seat for EUI EUP | NO.0112  CAT C7 C9 C13 C15 3126 tools | NO.0113  C7/C9 injector repair kits tools | NO.0114  CAT HEUI 3126 C7/C9 tools |
| 0115 | 0229 | 0116 | 0117 | 1699065069357 |
| NO.0115  CUMMINS EUI tools | NO.115A/NO.0229  CUMMINS EUI tools | NO.0116  VOLVO EUI tools | NO.0117  CAT C13 repair tools | NO.0118  CAT /HEUI Three-jaw spanner |
| 0119 | 0119A | 0220 | 0220a | 0221 |
| NO.0119  C7/C9 injector simple tools | NO.0119A  C7/C9 injector tools | NO.0220  simple tools for Volvo | NO.0220A  Tools for Volvo EUI | NO.0221  dismounting tools for M11 N14 |
| 0221a | 0222 | 0222a | 0222b | 0223 |
| NO.0221A  Cummins M11 tool | NO.0222  tools for Scania injector | NO.0222A  tools for Scania injector | NO.0222A  tools for Scania injector | NO.0223  Cat C7/C9/C-9/3126 tool |
| 0223a | 0224 | 0225 | 0225b | 0226 |
| NO.0223A  CAT C7C9 Engine oil Valve Stroke Measurement Tool | NO.0224  Cat injector dismounting stand | NO.0225  CAT 3126 Injector puller | NO.0225B  Common rail injector puller | NO.0226  CAT 3500E 3508E 3512E 3516E |
| 0227 | 0228 | 0230 | 0231 | 0232 |
| NO.0227  CUMMINS KTA19 | NO.0228  HYNDI 22880-84001 | NO.0230  CUMMINS ISX TOOLS | NO.0231  CAT pump lift valve tool | NO.0232  M11 injector solenoid valve stroke sealing test tools |
| 0233 | 0234 | 0235 | 0235a | 0235b |
| NO.0233  Cummins injector solenoid tool | NO.0234  EUI/EUP stroke measure tools | NO.0235  EUI/EUP valve grinding tools | NO.0235A  EUI/EUP valve grinding tools | NO.0235B  EUI/EUP valve grinding tools |
| 0236 | 0237 | 0237a | 0238 | 0239 |
| NO.0236  EUI EUP valve grinding tools | NO.0237  EUI nozzle adapters | NO.0237A  EUI nozzle adapters | NO.0238  DELPHI E1 E3 tools | NO.0239  CAT C7 C9 C-9 injector tool |
| 0240 | 0241 | 0242 | 0242a | 0243 |
| NO.0240  CUMMINS solenoid valve tools For M11,M14 | NO.0241  BOSCH repair tools, Fit for SCANNIA and VOLVO | NO.0242  CAT C10 C11 C12 C13 C15 C18 Tools | NO.0242A  CAT EUI C13 C15 C18 Tools | NO.0243  3408/3412 tools |
| 0244 | 0245 | 0246 | 0247 | 0247a |
| NO.0244  CAT 3126 HEUI tools | NO.0245  CAT336E tools | NO.0246  M11-N14 SEAL UP | NO.0247  Cummins HPI actuator tools | NO.0247A  Cummins HPI actuator tools |
| 0248 | 0249 | 0250 | 0251 | 0252 |
| NO.0248  CUMMINS M11-N14 CRTP | NO.0249  CAT 311-323 ABCD 320D barring tools | NO.0250  FOTON CUMMINS barring tools (CR) | NO.0251  C7 C9 barring tools | NO.0252  Renault barring tools (CR) |
| 1095 | 0254 | 0258 | 0253 | 0255 |
| NO.0257 komatsu tools | NO.0254  barring tools set | NO.0258  Hongyan Jieshi cranking timing tool | NO.0253  injector grinding tools  110 & 120 series | NO.0255  CUMMINS ISXQSX 3163021 Cam Timing Tool Kit |
| 0256 | 0258 | 0259 | 0261 | 0260 |
| NO.0256  CAT actuation pump adaptor | NO.0259  Kubota ZEXEL pump head rotor testing fixture | NO.0260  HEUI EUI Leaking testing tools | NO.0261  VOLVO EUI 2-pin 4-pin injector sealing test tools | NO.0262  Scania Bosch EUP control valve sealing test tools |
| 0263 | 0264 | 0265 | 0266 | 0265 |
| NO.0263  CAT 3116E injector tools | NO.0264  Cummins QSX15 tools | NO.0265  Cummins Q60 tools | NO.0266  Cummins QSK19 repair tools | NO.0267  CAT 345E Injector tools |
| 0268 | 0269 | 0270 | 0271 | 0272 |
| NO.0267  CAT C12 Injector tools | NO.0269  HEUP poppet valve core puller | NO.0270  CAT C7 C9 HEUP pump tools | NO.0271  PT pump disassemble tools | NO.0272  Injector nozzle nut tools |

**MECHANICAL PUMP TOOLS 机械泵工具**

| 904 | 905 | 906 | 907 | 908 |
| --- | --- | --- | --- | --- |
| NO.904  Tooth bar Travel Tester | NO.905  Tooth bar travel rulers | NO.906  Pre-Travel Gauge | NO.907  VE pump Piston Journey tester | NO.908  P type pump tools |
| 911 | 1700359521436 | 913 | 914 | 916 |
| NO.911  MW Maintainer Tools(3pcs) | NO.912  BOSCH P3000, P7100. M10x1 | NO.913  For CHONGYOU pump. Φ10.3 | NO.914  Used on Long pump.M14x1.5 | NO.916  Used on Long pump. M10x1 |
| 917 | 918 | 919 | 923 | 925 |
| NO.917  For P type pump. Φ12.3 | NO.918  CHONGYOU pump. M12x1.5 | NO.919  For P type pump. Φ11.5 | NO.923  P7100, PW2000. Φ11.7 | NO.925  P8500 pump. M12x1.5 |
| 926 | 927 | 929 | 930 | 931 |
| NO.926  WEIFU P2000. Φ11.7 | NO.919  For P type pump. Φ10.3 | NO.929  Bosch pump maintaine(6pcs) | NO.930  Retainer tool for ZEXEL | NO.931  Retainer tool for ZEXEL |
| 932 | 933 | 934 | 936 | 939 |
| NO.932  PE Pump Depressor | NO.933  VE Pump Elements | NO.934  AO VEI Tool | NO.936  Five-flowers Wrench | NO.939  Disassemble Flyweight Tool |
| 940 | 941 | 943 | 944 | 945 |
| NO.940  advancer jackscrew | NO.941  6112 4112 LAMA | NO.943  Slide bars puller | NO.944  STEYR SLEEVE | NO. 945  P7100 PW2000 Big stopper |
| 946 | 947 | 948 | 950 | 951 |
| NO.946  P7100 PW2000 small stopper | NO.947  JETTA tool (inner triangle wrench) | NO.948  Pump Scratcher | NO.950  P type pump clip tool | NO.951  Caterpillar tool Injection tool |
| 952 | 954 | 958 | 959 | 960 |
| NO.952  Caterpillar-Tool | NO.954 5M pump Socket Tools | NO.958  PLUNGER CLIP | NO.959  P-type plunger retainer clamp | NO.960  For dismounting of different types of injectors |
| 961 | 962 | 963 | 964 | 965 |
| NO.961  Flanges for mechanical pumps | NO.962  Blocks for mechanical pumps | NO.963  Kamaz pump stand | NO.964  Universal joint for test bench | NO.965  Flyweight nut disassembly tool  A type pump & P7100/2000 |