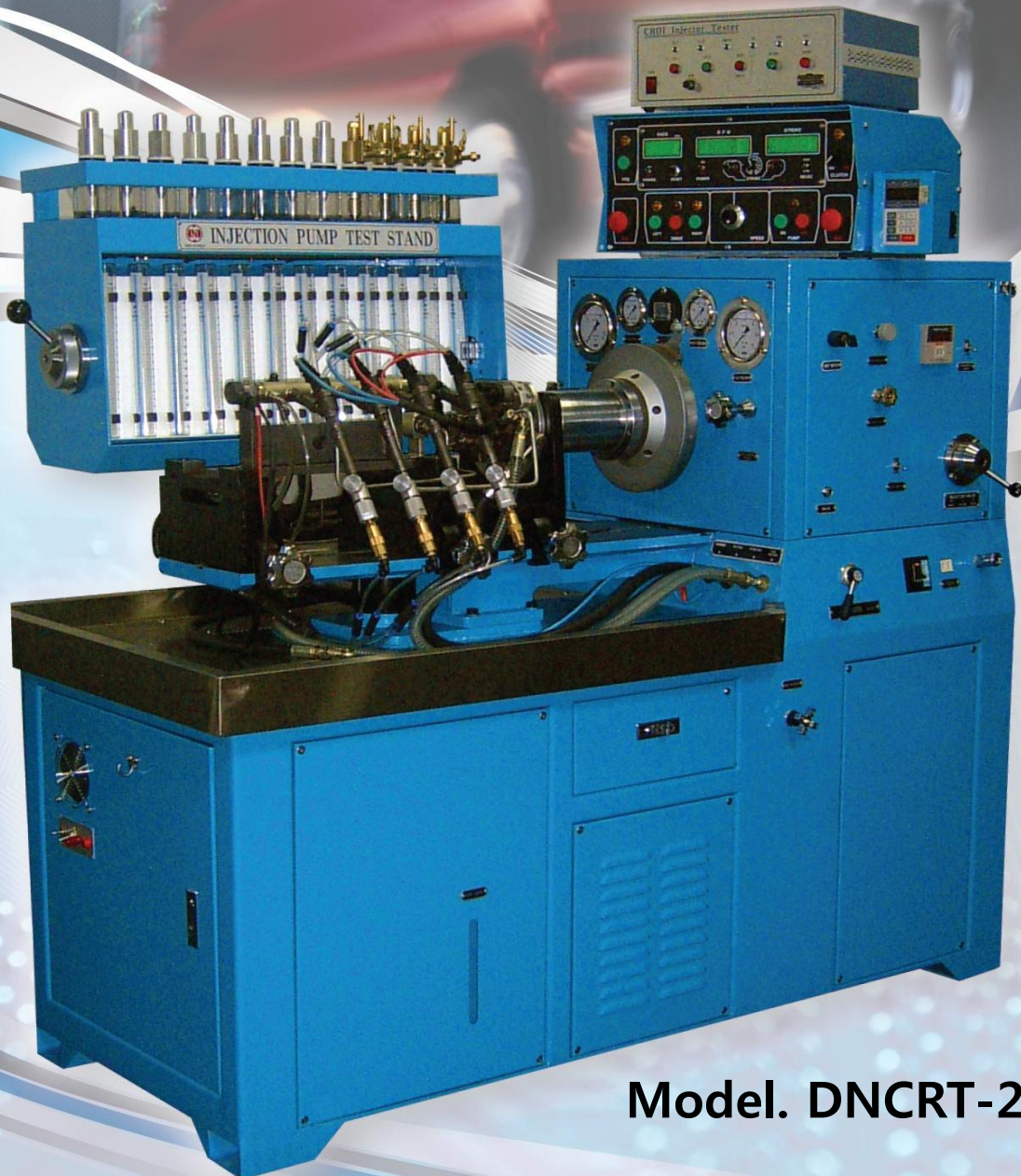


Better Price · Better Quality · Better Technology

DIESEL FUEL INJECTION PUMP TEST BENCH COMMON RAIL SYSTEM TEST BENCH



Model. DNCRT-206VG

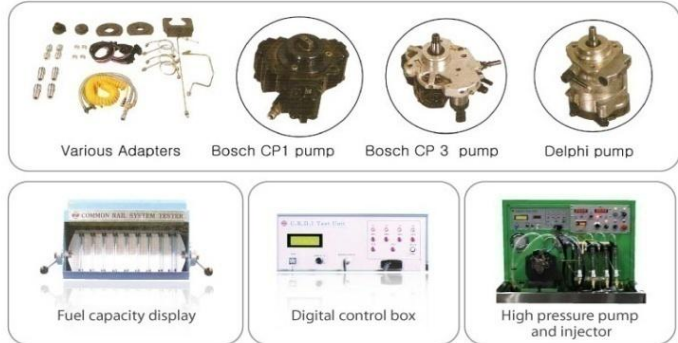


Koeng Co., Ltd.
<http://www.koeng.com>

Common rail system test bench. Model : **DNCRT 206SG**

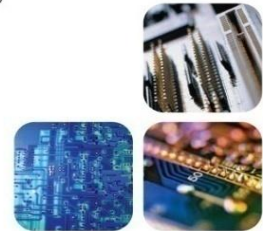


- Testing for injector injection quantity
- Testing for injection figures
- Testing for injector injection returns
- Testing for various high pressure outputs (Bosch, Delphi, Denso)
- Testing for various common rail high pressure input
- All kinds of common rail simulation testing
- Injector automatic cleaning during testing (Option)
- Injector cleaning during vehicle engine starting (Option)



Specification

- High Pressure pump drive motor: at least AC220V/380V/3PH/50 or 60HZ (control by inverter), at least 4 cylinders / 7.5KW (10 HP)
- Low pressure pump drive motor: at least AC220V/380V/3PH/50 or 60HZ 200W (1/3HP) - Low pressure pump: Output pressure at least 0~7kg/cm²: Max. output flow at least 7 ℓ / min
- Fuel tank: at least 20 ℓ (working capacity 15 liters)
- Temperature control: at least 0 ~ 100°C
- Measuring glass: at least 150cc (6 ea), 32cc (12 ea) - both sides
- Stroke counter: at least 0 ~ 1050 turns
- Engine RPM: at least 600 ~ 4,100 (600, 650m, 700 ...4, 100) Digit
- High pressure pump RPM: at least 0 ~ 3,000 (4 digit 0 ~9999 rpm indication)
- Low pressure analog gauge: at least 100 Ø 6 kg/cm² (Industrial precision stainless steel)
- Low pressure regulator: at least 0 ~ 6kg/cm² supply pressure control
- High pressure digital type: at least 0 ~ 2000 bar
- High pressure regulator: at least 0~2000kg/cm² (2000 bar) pressure control
- High pressure pump output: measuring valve
- Fuel cooling device: at least 400 x 400 (mm)
- Fan for cooling (motor with 40W): 300 x 300 (mm)
- Fuel filter for line: at least 30 Mierons
- Test zig attach bed: at least 220 x 35 x 600 (WxDxH)
- Tgroove type



Accessory list

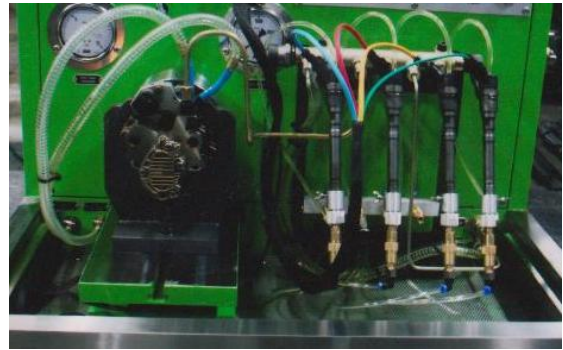
- High pressure pipe for high pressure pump and rail supply: at least 1 EA (3 Ø x 8Ø x 600)
- High pressure pipe for injector spray: at least 4EA (2 Ø x 6Ø x 600)
- Zig for injector for Bosch, Delphi, Denso: 4 EA per each
- Injector power connector: 2 sets
- Pressure sensor connector: 1 EA
- Ring bracket for Bosch H.P pump: 1 EA & connecting bracket for Bosch H.P pump: 1EA
- Ring bracket for Delphi H.P pump: 1 EA & connecting bracket for Delphi H.P pump: 1EA
- Ring bracket for Denso H.P pump: 1 EA & connecting bracket for Denso H.P pump: 1EA
- H.P pump mounting bracket: 1EA
- Rotation safety cover: 1EA
- Measuring glass: 150cc (6EA) , 32cc (12EA)
- T bolt (2EA) and others
- Manual(English): 1 Set
- One-year warranty
- Repair Manual(English): 1Set



Common rail system test bench (PC type) : **DNCRT-206WG**

Combination tester. DN-CRT 206VG

= (Diesel fuel injection pump tester + Common rail test bench function



+

Common rail pump mounting system

+



common rail controller

Diesel fuel injection pump tester

* Function for Diesel fuel injection pump tester

- ◇ Type DND 103W
- ◇ Drive Motor AC 3ph 11KW (15 HP) 4 pole induction motor, 12 cylinders(Injectors)(Control by inverter)
- ◇ Speed Range 70, ~3600rpm, in both directions
- ◇ Pump Motor AC 3ph 0.75 KW (1 HP) 4 pole induction motor
- ◇ Pump Max output pressure 70kg/cm² Max output flow 7.7/min Vane pump
- ◇ Fuel Tank 45 liters working capacity
- ◇ Temperature control Variable from 0 ~ 60°C
- ◇ Heater AC 1Ø 220V 1 KW PT 1" tank heater
- ◇ Glass 200cc and 45cc both sides
- ◇ Stroke Counter 0, 100, 150, ... 1,050 turns
- ◇ RPM Counter 4 digit 7 segment LED display
- ◇ VM,VE (Rotary)Fuel control valve 0.5 ~1.5kg/cm² supply pressure control
- ◇ LOW (PE, In-line)Fuel control valve 0.5 ~ 4kg/cm² supply pressure control
- ◇ PE-A (In-line) pressure analog gauge Ø 100 x 6 kg / cm²
- ◇ VM, VE(Rotary) pressure analog gauge Ø 60 x 2 kg / cm²
- ◇ Transfer pressure analog gauge Ø 100 x 15 kg/cm²
- ◇ Overflow pressure analog gauge Ø60 x 2 kg/cm²
- ◇ High pressure analog gauge Ø60 x 50 kg/cm²
- ◇ Governor pressure analog gauge -76 CHG ~ +2 kg/cm² Digit type

* Function for common rail tester

- ⇒ Test for spray volume of injector
- ⇒ Test for spray form of injector
- ⇒ Test for return volume of sprayed volume by injector
- ⇒ Test for flow volume of various high pressure supply pump (Bosch, Delphi, Denso)
- ⇒ Test for various common rail high pressures
- ⇒ Simulation test for various common rails
- ⇒ Injector auto cleaning function while test (optional)
- ⇒ Injector auto cleaning function while car engine works

Common-rail injector unit tester : Model: **DNCRT-206S**



Function

- Testing injection form
- Measuring injection amount
- Measuring return amount



Specification

- Air pressure : 4 ~7 bar
- Fuel pressure : 0 ~ 700 bar
- Size : 600 x 600 x 800 (H) mm
- Power :220V/1PH/ 50 or 60HZ

Common Rail Electric Fuel Injection checking equipment for Diesel engine : Model: **CRT-3000**



Specification

- Checking low pressure pump operation
- Checking filter and fuel system
- Checking injection pump operation
- Checking the amount of injection back leak with static and dynamic
- Checking pressure control valve delivery pipe
- Checking rail pressure sensor operation



Accessory list

- Tool case
- Rail plug (For Delphi)
- Rail plug (For Bosch)
- Flask & Holder
- Visible tube
- Injection return hose adapter
- Injection return hose plug
- Clean case
- Dust cap
- High pressure gauge
- Low pressure gauge
- Vacuum gauge
- Gauge connection tube
- Connection adapter with hose
- Connection adapter
- Fuel filter plug (For Delphi system)
- Adapter connector (For Bosch)
- Adapter connector (For Delphi new)
- Adapter connector (For Delphi old)
- Dummy resistor
- Manual(English): 1 Set
- One-year warranty
- Repair Manual(English): 1 S
- Connection adapter with hose
- Connection adapter
- Fuel filter plug (For Delphi system)
- Adapter connector (For Bosch)
- Adapter connector (For Delphi new)
- Adapter connector (For Delphi old)
- Dummy resistor
- Manual(English): 1 Set
- One-year warranty
- Repair Manual(English): 1 Set



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- The manufacture reserves the right to change the product specifications without notice and liability.