

BOTEN CR1016 Multi-Functional Common Rail Test Bench



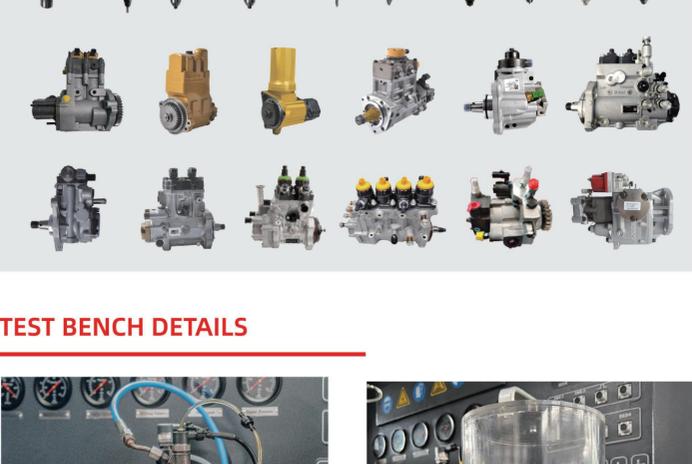
PARAMETER

MODEL	BOTEN CR1016		
COLOR	● RED	● GREEN	
NET DIMENSIONS	1990*1330*1890mm		
GROSS DIMENSIONS	2150*1450*2120mm		
NET WEIGHT	1500KG		
FREQUENCY	50Hz / 60Hz		
MOTOR POWER	● 30KW	○ 22KW Servo	
VOLTAGE	380V AC		
TANK VOLUME	DIESEL: 35L	OIL: 12L	HEUI: 25L
MAX RAIL PRESSURE	2700 Bar		
OIL TEMP CONTROL	40 ± 2°C		
CONTROL CIRCUIT VOLTAGE	DC 12V	DC 24V	
HEATER POWER	380V / 3kw		

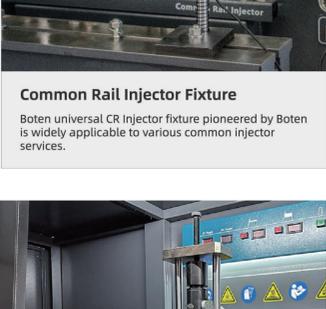
FEATURE

- ◆ BOTEN CR1016 can test CRI, CRP, EUI, EUP, HEUI Injector and Pump, etc.
- ◆ Hidden Pipes and Fast Clamping for HEUI Injector Test
- ◆ Simultaneous Test of Fuel Injection, Fuel Return, and Response Time
- ◆ Automatic Temperature Control System for Test Fluid
- ◆ Built-in 6 Motors and 6 Flow Sensors, Independent Driving System for CRI, EUI&EUP, HEUI
- ◆ AHE Dynamic Armature Stroke Test , MDP Test, NOP Test
- ◆ Coding for Bosch, Denso, Delphi, VDO, Cummins CRI, Fuel Correction Coding for CRI

TEST RANGE



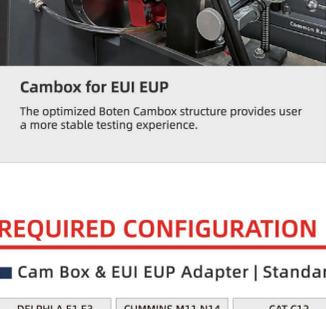
TEST BENCH DETAILS



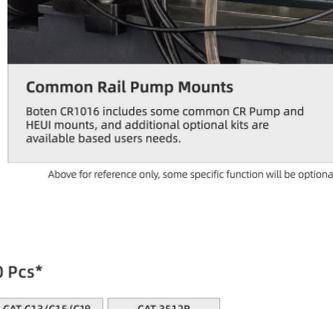
Common Rail Injector Fixture
Boten universal CR Injector fixture pioneered by Boten is widely applicable to various common injector services.



HEUI Injector Fixture
HEUI injector fixture adopts concealed pipe design, which makes the injector installation convenient and quick.



Cambox for EUI EUP
The optimized Boten Cambox structure provides user a more stable testing experience.

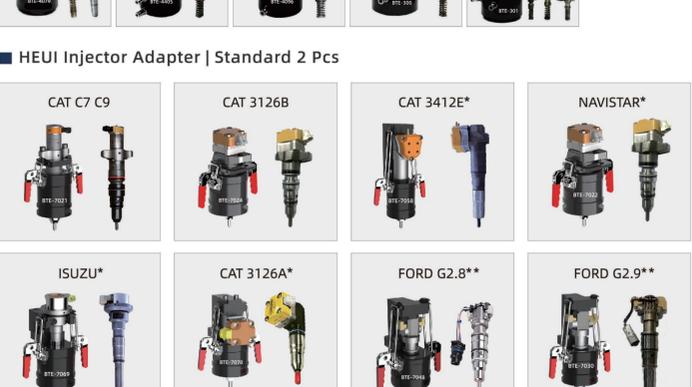


Common Rail Pump Mounts
Boten CR1016 includes some common CR Pump and HEUI mounts, and additional optional kits are available based users needs.

Above for reference only, some specific function will be optional.

REQUIRED CONFIGURATION

■ Cam Box & EUI EUP Adapter | Standard 10 Pcs*



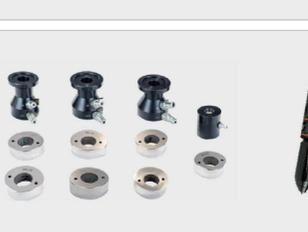
■ HEUI Injector Adapter | Standard 2 Pcs



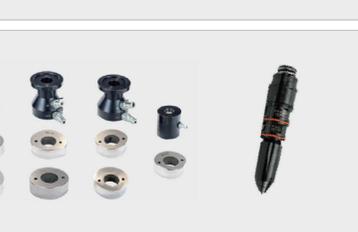
* Select adapters based on your actual needs
** It needs to work with E3 controller

OPTIONAL FUNCTIONS *

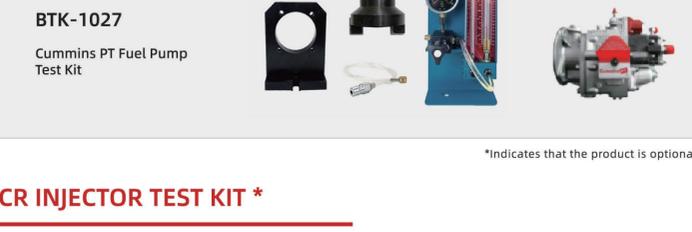
BTK-1024
E3 Controller
Applied to:
Delphi E1/E3 Dual-Valve 4-Pin EUI
Bosch CRIN4.2 4-Pin CR Injector
Ford G2.8/G2.9 HEUI Injector
Cummins HPI Series EUI



BTK-1025
HPI Q60 X15 Test Kit
Applied to:
QSX15, QSK19, QSK23, QSK60
And HPI Series EUI
Working with E3 controller



BTK-1026
Cummins PT Fuel Injector Test Kit



BTK-1027
Cummins PT Fuel Pump Test Kit



*Indicates that the product is optional

CR INJECTOR TEST KIT *

BTK-1016
CAT 320D (C4/C6) Injector Test Adapter



BTK-1017
Cummins XPI (FOTON) Injector Test Adapter



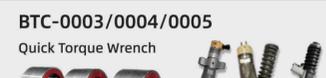
BTK-1018
Cummins XPI (DCEC) Injector Test Adapter



BTK-1019**
Bosch CRIN4.2 4-Pin Injector Test Kit



BTK-1020
Delphi F2E 3+3 Injector Test Kit



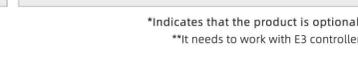
BTK-1021
CAT C9.3 Injector Test Kit



BTK-1022
Cummins QSK19 Injector Test Kit



BTK-1023
MTU 4000.1/3/4 Injector Test Kit



BTK-0003/0004/0005
Quick Torque Wrench



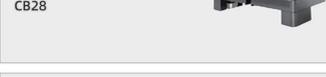
BTK-0001/0002
Quick Hose Plug M12/M14



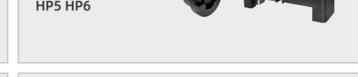
*Indicates that the product is optional
**It needs to work with E3 controller

FUEL PUMP TEST KIT *

BTK-1002
Fuel Pump Test Kit
Applied to:
CAT 336E C9.3



BTK-1003
Fuel Pump Test Kit
Applied to:
Cardinal



BTK-1004
Fuel Pump Test Kit
Applied to:
CB28



BTK-1005
Fuel Pump Test Kit
Applied to:
HP5 HP6



BTK-1006
Fuel Pump Test Kit
Applied to:
HP7 CCR CP5
CP4.2 CP2.2



BTK-1009
Fuel Pump Test Kit
Applied to:
QSK19



BTK-1010
Fuel Pump Test Kit
Applied to:
Yangtze



BTK-1014
Fuel Pump Test Kit
Applied to:
Scania



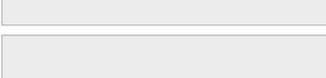
BTK-1015
Fuel Pump Test Kit
Applied to:
CAT 320D



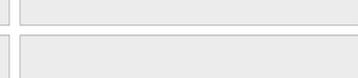
BTK-1011
Fuel Pump Test Kit
Applied to:
Cummins M11



BTK-1007
Fuel Pump Test Kit
Applied to:
MTU-2000



BTK-1008
Fuel Pump Test Kit
Applied to:
MTU-4000



BTK-1012
Fuel Pump Test Kit
Applied to:
Liebherr11.2



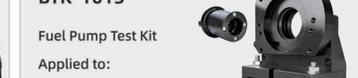
BTK-1013
Fuel Pump Test Kit
Applied to:
Liebherr11.5



BTK-1001
Test Kit Flange Seat
Applied to:
Some of the Fuel Pump Test kit above



BTK-1099
Coupling Removing Tool
Long Type / Short Type



*Indicates that the product is optional