

# UTS1004

## EUI & EUP TESTING



A broad application range is targeted; the system is stated to provide testing capability across various brands and applications, from **Caterpillar** to **Continental VDO**.

### Caterpillar

EUI and MEUI series  
(3406E, C10–C18, 3116 MEUI,  
3500 MEUI, 3500E, etc.)

### Cummins

Celect N14 / M11 / M11+  
HPI (ISX and QSK)  
K-STC

### Bosch

All EUI/EUP types  
Delphi  
A0, A3, E1, E3, F2P  
Detroit Diesel and Continental  
VDO All EUI/EUP types

**UTS1004** is the only test equipment to test QSK HPI injectors with precision timing controls.

### Testing capabilities

- It is a test bench designed for Electronic Unit Injector (EUI) and Unit Pump (EUP) testing.
- It is emphasized that it can test Cummins QSK HPI injectors with precise timing control.
- In addition, it can measure Solenoid Response Time (SRT) (to assess the condition of the solenoid/valve mechanism and timing)

### User profile

It is a solution intended for diesel fuel injection service workshops and injector/pump reconditioning centers, addressing the need for testing and verification of EUI/EUP systems.

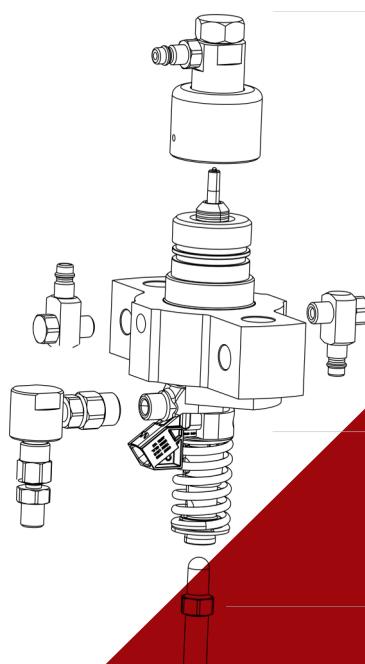
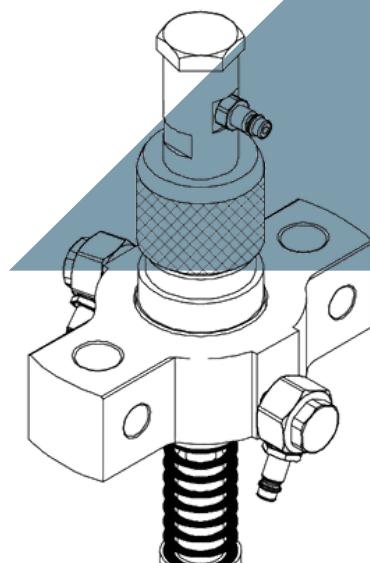
# Optional Accessories for Various EUI / EUP

“Any adapters requested beyond the current adapter list are manufactured on a made-to-order basis.”

## EUI & EUP adapter list



Volvo - Bosch



**CB5 0400**  
Adapter for Delphi  
A3 EUI Sleeve  
Adapter for Delphi  
A3 type EUI for  
Volvo Applications.

**CB50600**  
CB5 0600 Adapter for  
Bosch Unit Pump  
PLD1C100 Adapter for  
Bosch EUP Mercedes Benz  
Applications 0414799008  
and variants  
(PLD1C100/440/24S140)

**PRODUCT NAME | KO2039 – UTS1004 DELPHI F2 TEST KIT**

Delphi Euro-6 F2e Series Pumping &amp; Non-pumping Injector Test Kit

**TESTING | F2E**

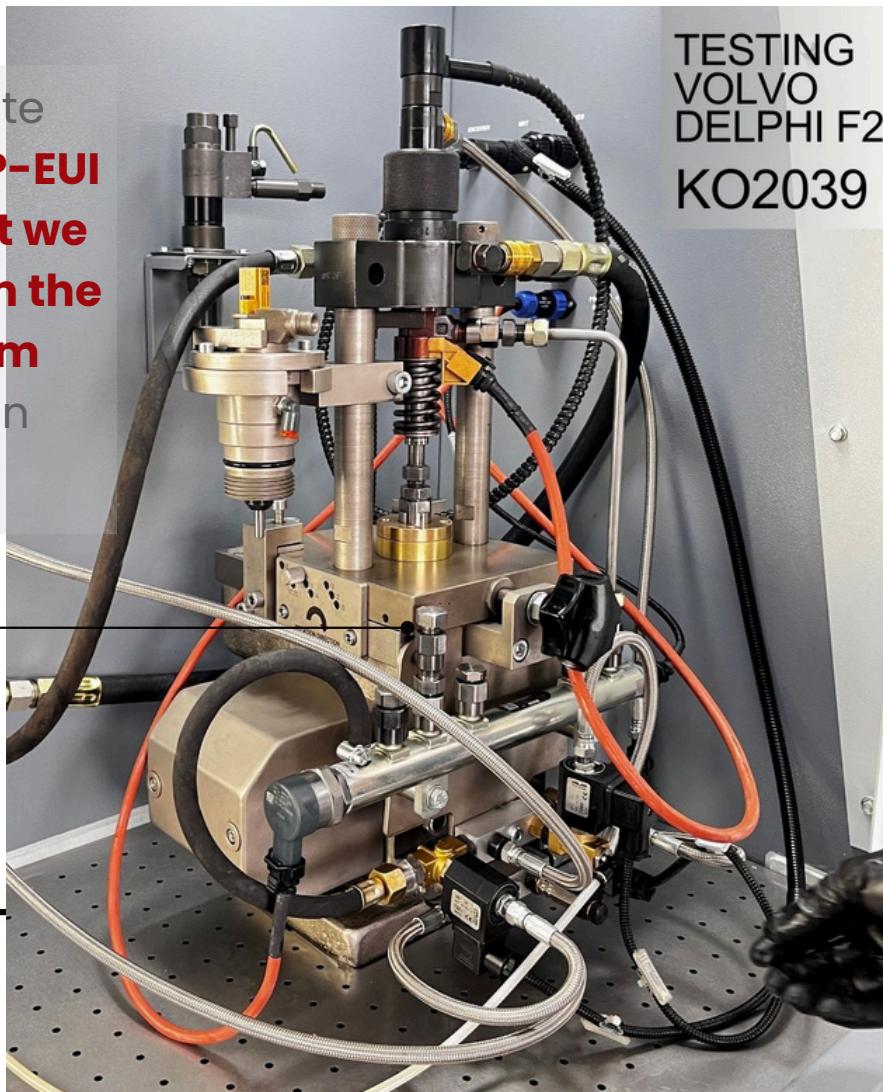
F2E ADAPTER SET

**STOCK KOD: KO2049***\*\* Need to be selected by adding KO2049 and/or KO2050***TESTING | F2P**

F2P ADAPTER SET

**STOCK KOD: KO2050**

The complete  
**F2E-EUI, F2P-EUI**  
**test set that we**  
**mounted on the**  
**Maktest cam**  
**box** shown in  
the picture.



UTS1004 can test the **total delivery amount, and injected delivery amount nozzle response time (NRT)** of the **F2P and F2E** unit injector.

TESTING  
VOLVO  
DELPHI F2  
KO2039

KO2039 has a high-pressure rail that can control pressure **up to 2200 bar.**