

# TK1024

## An easy solution for a big problem

Worldwide sales and service network provide timely and reliable support to all questions.

# injectester

# HEUI

HEUI Eventually Have Their Test Stand That They Have Deserved...



## Independent solution provider for diesel injection problems



It has been more than a decade since Maktest has introduced very first Hydraulic Unit Injector Test Stand.

Hydraulic Unit Injector technology have developed and progressed ever since.

Testing procedures and test specifications were needed to be revised to comply with the progress.

TK1024 injectester HEUI is redesigned with respect to the developments in HEUI technology. Computerized controls present the flexibility to adapt to all these changes and possible changes in future.

Accuracy in HEUI testing highly depends on effective temperature control and injector drive technology. TK1024 has now better temperature control and minimized need for cooling water.

## Distinguished design, improved capabilities

TK1024 injectester HEUI is designed upon 30 years of diesel injection background of Maktest and assembled with perfection.

Maktest has training centers in 5 locations around the world. Training centers are focused to help customers to stay up to date with new diesel injection systems. Customers are trained for repairing various fuel injection systems, using special tools and interpretation of test results. Training centers provide continuous support to the customers to help them solve their repair and diagnose problems with diesel injection systems.



repairing the future..



# MAKTEST

Maktest is manufacturing diesel injection test equipment since 1977. Maktest products are distributed in more than 70 countries around the world and more than 3000 test equipment is actively in operation in these countries. Well recognized brand names dizotester, pumptester, injectester, unittester are Maktest products.

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### FEATURES

Convenient set-up for testing



Sleeve adapters for various HEUI injectors are designed to arrange faster set-up for testing.

Less water consumption for cooling



Intelligent temperature control system with increased capacity required much less water and administers prolonged testing time.

Excellence in testing



Special control software gives the professionals extraordinary test plan management. Flexibility to create new test schemes enables operator to design new test plans for HEUI injectors. Test plan creator feature solves an important problem to obtain and save test data for HEUI injectors.

### Technical Specifications

Motor	10 hp AC
High Pressure Test Oil Transfer	5-250 bar pressure regulated, pressure is measured digitally and displayed in the LCD screen.
Low pressure Test Oil Transfer	0-5 bar pressure regulated, pressure is measured digitally and displayed in the LCD screen.
Temperature Control	Internal Gas Cooling System
Delivery Measurement	Electronic Fuel Measurement System (TK1024.01)

### Required Utilities

Electricity Supply

380VAC 50/60 Hz (3 ph)

Air

Dry and oil free air supply must be min 6 bar.

### Delivered Accessories With This Product

KO1391 Caterpillar 3126 Sleeve Adaptor (for both short and long type)

### Optional Accessories for Various HEUI

KO1392 Isuzu Trooper/Holden Jakaroo Sleeve Adaptor  
KO1393 Caterpillar C9 Engine Injector Sleeve Adaptor  
KO1394 Caterpillar 3408-3412  
KO1395 Ford Powerstroke 6,0 - 7,3 Lt (Siemens HEUI) Sleeve Adapter and Control Sim.  
KO1396 Caterpillar C9 Engine Injector Sleeve Adaptor  
KO1398 CAT 3116 - E (106 - 7056 AZ OR4970) Side Solenoid - Short  
KO1399 Siemens Navistar - DT570 1848492C91

### Optional Accessories and Tools Recommended

KO1560 Torque Wrench Digital  
KO1558 Hydraulic Swiveling Arm  
TK1014 Injectester 2 Digital Injector Tester With Fume Extractor 600 bar  
KO1495 Clamp for Common Rail Injector - Unit Injector & HEUI  
DE1382 Ultrasonic Cleaning Tank -4 Lt / 100W  
KO1475 Clean Bench for Electronic Injector Repair, Including Injector Clamp and Ultrasonic Cleaner



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**MAKTEST**  
Independent solution provider  
for diesel injection repair systems.



Regional Distributor (Asia, Middle East and Africa):  
PREMO INTERNATIONAL PTE LTD  
39B, Jalan Pemimpin #04-00, Prime Industrial Building Singapore 577184. Tel: 65-6354 5255 Email: sales@premo.com.sg

Maktest reserves the right to change product configuration and specifications. Maktest is not responsible for printing and typing errors.



The Bench Dimensions:  
Width 1100 mm  
Depth 700 mm  
Height 1800 mm  
Weight 360 kg



Package Dimensions:  
Width 1300 mm  
Depth 900 mm  
Height 2000 mm  
Weight 440 kg