

# PT2012.B

UNIVERSAL MECHANICAL  
PUMP TEST BENCH

**Powerful  
Drive System**  
Special design  
20 HP AC motor  
providing high  
torque at  
low speed



# FEATURES & BENEFITS

## Impressive and sophisticated look with ergonomics

Pumptester will create a new image of your workshop with its design and provide you the chance of operating in a more friendly and economically designed environment.

## DURABLE AND STRONG DESIGN



The  $\varnothing 110$  mm coupling ensures your safety with its durable and strong design and provides reliable testing of the new technology high- pressure output fuel injection pumps.

## MEASURING CONSOLE

The new design of the console provides a swing of 180 degree around the pump mounting bed and the 2-axis motion on the swinging arm helps to mount various kind of pumps and systems for test. Jack up can adjust the height of the console as needed.

The height of the jack up console can be adjusted as needed.



## CONTROL PANEL

Control panel is located on the inclined surface aims to display the test parameters in the most convenient way. The touch button panel is also placed on the same surface to enable you to reach at every possible angle and distance during the entire run time.

# Rich standart accessory package for most common distributor and inline pumps.



Standart flywheel has the momentum of inertia of 0.8 kgm<sup>2</sup>. The flywheel may be selected to have the inertia to be 1,5 or 1,8 kgm<sup>2</sup> depending on the application.

The coupling ensures your safety with its durable and strong design and provides reliable testing of the new technology high- pressure output fuel injection pumps.

## STANDARD ACCESSORIES & ATTACHMENTS

### ADAPTERS, COUPLINGS and FLANGES for most common INLINE and ROTARY PUMPS:

- 12 PCS TEST INJECTORS (12SD12 ISO 4010)
- 8 PCS TEST PIPE 6x2x12x600 (1 680 750 014)
- 8 PCS TEST PIPE 6x2x14x600 (1 680 750 089)
- 6 PCS TEST PIPE 6x2x12x840 (1 680 750 017)
- QUICK ACTION CLAMP for inline pump
- Various size and height inline pump brakets (100-97-106 mm)

## Optional Accessories and Tools Recommended

OPT001 : Internal Lube Oil Transfer System

OPT002 : Internal Chiller System

# TECHNICAL SPECIFICATIONS



## 12 CYLINDER GLASS TUBE MEASUREMENT SYSTEM

- Drive System : 20 HP - direct drive. 15 kW AC Motor with electronic control
- Speed Range : 40-4000 rpm
- Flywheel : 1.5 kgm<sup>2</sup>
- Test Fuel Transfer : 0-6 bar 4.0 bar/ 60psi.
- Lube Oil Transfer : 0-6 bar
- Cooling System : Water
- Test Oil Tank : 50 L.

### Electricity Requirement

360 - 415 VAC 50/60 Hz (3 ph) 62 A

### Water Supply:

2.0 - 4.0 bar max 20 °C ( 68 °F)

### Air Supply

Min 5 bar, oil and water free @6L/min flow.

### Packing

#### Dimensions

Width: 1915 mm

Depth: 980 mm

Height: 1800 mm

Weight: 850 kg

### Machine

#### Dimensions:

Width: 2150 mm

Depth: 1080 mm

Height: 1080 mm

Weight: 980 kg

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## About Us

Since its establishment in 1981, our company has been producing CR test equipment, HEUI test equipment, EUI injector and pump test equipment, mechanical test equipment and devices that can diagnose faults with close to one hundred percent accuracy, and has a dealer network that organizes its sales to the whole world.

Started the production of 9 types of turbochargers, which are modules of diesel vehicles and appeal to 68 different model vehicles with 1.3, 1.4, 1.5 and 1.6 liters.



## Technical Support

To get help from our technical support, simply contact us today. The expert technical team responds quickly to all service requests registered on the web page.



## Reach To Dealer

Maktest is located in İzmir, Turkey. We work with our authorized dealers to provide fast and perfect service in our sales, installation and after-sales services to the whole world. You can contact us via our website to learn about Maktest dealer near you.



### Universal Solutions

All makes injector and pump testing



### Maktest Warranty

Defect and malfunction coverage



### Always Up-to-date


Continuously develops software for better test results

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