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An easy solution for a big problem

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

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Mechanical Pump Test Bench



**Independent
solution provider
for diesel
injection problems**



Special design 20 HP AC motor providing high torque at low speed.

Standart flywheel has the moment of inertia of 0.8 kgm². The flywheel may be selected to have the inertia to be 1,5 or 1,8 kgm² 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.

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

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 common rail injectors, 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 problems.



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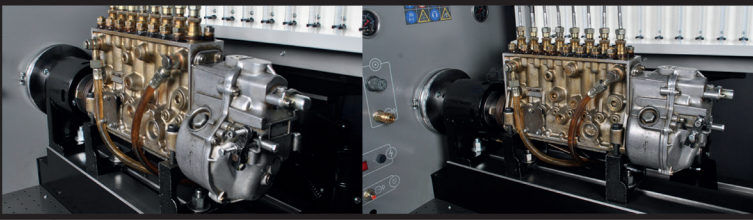
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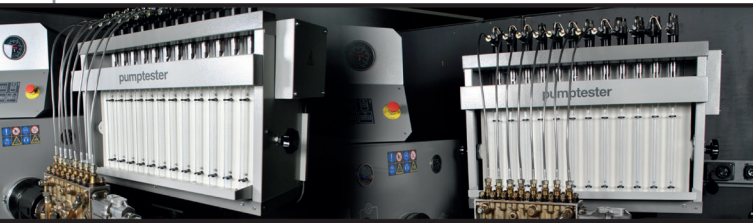
FEATURES

The 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.

Impressive and sophisticated look with ergonomics



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

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.

Technical Specifications

Drive System	20 HP - direct drive
Speed Range	40-4000 rpm
Flywheel	1.5 kgm2
Test Fuel Transfer	0-6 bar
Lube Oil Transfer	0-6 bar
Cooling System	Water

Delivered Accessories With This Product

	ADAPTERS, COUPLINGS and FLANGES for INLINE and ROTARY PUMPS
KO1031	12 PCS TEST INJECTORS (12SD12 ISO 4010)
BN1004	8 PCS TEST PIPE 6x2x12x600 (1 680 750 014)
BN1005	8 PCS TEST PIPE 6x2x14x600 (1 680 750 089)
BN1006	6 PCS TEST PIPE 6x2x12x840 (1 680 750 017)
AA1991	SUPPORT BRACKET
AA1992	SUPPORT BRACKET (HEIGHT 97 mm)
AA1995	SUPPORT BRACKET (HEIGHT 106 mm)
AA1998	TAIL SUPPORT
AA3159	QUICK ACTION CLAMP

Optional Accessories and Tools Recommended

OPT001	Internal Lube Oil Transfer System
OPT002	Internal Chiller System

Required Utilities

Electric	360 - 415 VAC 50/60 Hz (3 ph) 62 A
Air Supply	Min. 5 bar, dry and oil free.
Water Supply	3-6 bar, max. 15-20 C°



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The Bench Dimensions:
Width 1915 mm
Depth 980 mm
Height 1800 mm
Weight 850 kg



Package Dimensions:
Width 2150 mm
Depth 1080 mm
Height 2080 mm
Weight 980 kg