

TK1029.02

An easy solution for a big problem

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

injectester

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CRH

Heavy Duty Common Rail Injector Test Stand



**Independent
solution provider
for diesel
injection problems**



Common Rail injectors of Heavy Duty Engines up to 4000 Kw power are tested precisely on New TK1029.02. New Clamping system and spacious injector cabinet allows to mount various geometry injectors.

New design rail block and high pressure pump provides saturated high pressure flow even running the largest common rail injectors.

TK1029.02 injectester CRH is designed for testing high pressure and high volume injectors. Its metering capacity is up to 2000 mm³/stroke.

TK 1029.02 can test standard ELECTROMAGNETIC and PIEZO common rail injectors using KO2000 Clamping Unit. KO2000 Clamping Unit is designed to adapt all standard common rail injectors to TK1029.02's new injector mount system allowing still to measure INJECTION DELAY TIME and pre-injection flow rates accurately.

HYDRAULIC AMPLIFIED COMMON RAIL INJECTOR TESTING

TK1029.02 is designed to clamp and drive hydraulic amplified common rail injectors, e.g. Detroit Diesel DD15 Bosch Injectors with Dual Solenoid. Injector drive electronics is designed to control timing and to measure injection delay with precision.

The only powerful, accurate and precise solution for Heavy Duty Common Rail Injector testing



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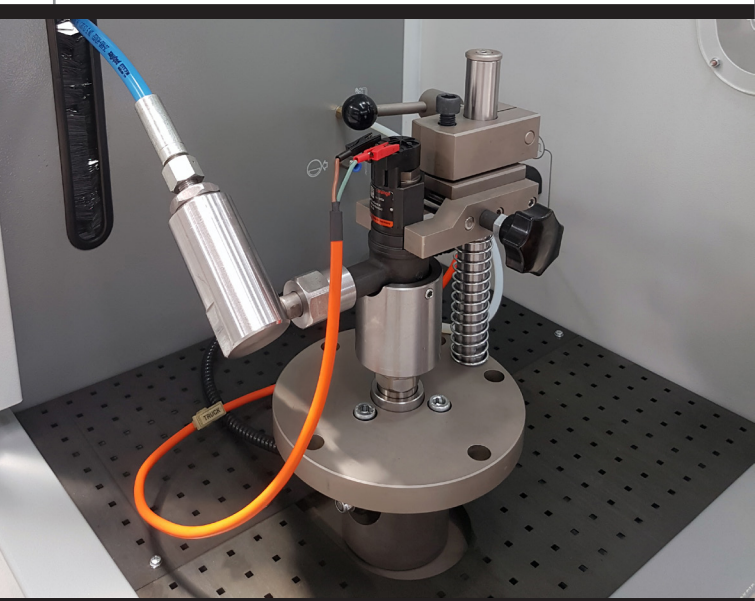
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FEATURES

Renovated Clamp System for Heavy Duty Applications

Easy set-up with reinforced clamping mechanism helps to reduce overall testing time.



High Flow Testing Capacity

High Flow rate often creates heating problem when testing. Therefore TK1029.02 CRH is designed to have advanced temperature control systems to maintain temperature during testing.



Technical Specifications

High Pressure Test Oil Transfer System	Pressure is controlled digitally between 100 and 2200 bar.
Injector Drive System	It can drive electromagnetic injectors as well as piezo injectors. Drive system is capable to inject 3 times per injection cycle.
Control System	Control computer with 15" LCD. Touch Panel runs Windows 10 OS. Special control software operates TK1029.02 with high accuracy.
Fume Extraction	Patented filter system extracts the fume and filters it to drain. Powerful extraction capacity prevents fume from escaping out of injector cabinet.
Delivery Measurement	0.03 mm ³ resolution up to 2000 mm ³ /stroke fuel delivery.

Required Utilities

Electricity Supply

TK1029.H	380VAC 50 or 60 Hz 3 phase
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Delivered Accessories With This Product

AP1648	INJECTOR CABLE TRUCKS
BM1054	DELIVERY HOSE
BN1084	RETURN HOSE
BN1085	RETURN HOSE M12
KO1901	MAINTENANCE KIT

Optional Accessories

KO2000	Standard Injector (Bosch - Denso - Caterpillar etc.) Clamping Unit
KO2001	L'Orange Clamping Unit
KO2002	Cummins QSK Clamping Unit
KO2003	MTU 4000 L'orange Injector Clamping Unit
KO2004	Detroit Diesel DD15 Dual Solenoid Common Rail Injector Clamping Unit
KO2005	MTU 8000 L'Orange Injector Clamping Unit

Recommended Products

KO1560	Torque Wrench Digital
KO1521.C	Denso Repair Tool Set
KO1579.C	Bosch CRIN 2.0 - 3.0 Service Tool Set
KO1382.C	CRI 1.0 - 2.0 - 2.2 and CRIN 1.0 Repair Tool Set
KO1475	Clean Bench for Electronic Injector Repair, Including Injector Clamp and Ultrasonic Cleaner
KO4000	Computer Aided Repair System
A1000	Computer Aided Repair System (manual)



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The Bench Dimensions:
Width 1180 mm
Depth 820 mm
Height 1750 mm
Weight 320 kg



Package Dimensions:
Width 1390 mm
Depth 1080 mm
Height 1980 mm
Weight 420 kg