

TEST EQUIPMENT DIVISION

MM8-15CR Common Rail Test Stand



Suitable for testing Bosch CP1, CP1H, CP1K, CP3, Delphi, Denso and Siemens systems

- 15hp AC Inverter Drive
- Graduate Metering
- Merlin common rail assembly
- Transducer (2000bar)
- Interlocked safety screen
- Drives up to four injectors
- Suitable for both piezo operated and electro-hydraulic injectors
- Suitable for SCV (e.g. Delphi) or PCV (e.g. Bosch) type DRV valves on high pressure pump, with auxiliary switched output (e.g. for third vane disable on certain pumps)
- Sequential injector drive, i.e. fuel delivery shots are timed as in a conventional mechanical pump
- Gives complete control of rail pressure, injector pulse width and pulse frequency via simple front panel controls
- Digital displays for injector pulse width and frequency, DRV valve drive percentage, and rail pressure
- Automatic detection of short or open circuit injectors, as well as detection of the wrong type connected (e.g. electro-hydraulic injector connected with the unit set to piezo)
- Microprocessor based, which means extreme timing accuracy, as well as having the ability to be controlled via a PC using the built in serial interface

Standard equipment includes:-

Mobile Cabinet	C.R. HP Pipes
Safety Enclosure	Adaptor cables
CP3 Fuel Pump	Injector connections
Delphi Leak-off connections	Bosch Leak-off connections
Pump mounting plates	Test data with on-going updates



Manufacturers part numbers are given for reference purposes only and do not imply that in all cases the parts are of their manufacture. Illustrations and Technical Data are non-binding and are subject to change as a result of technological progress.

DATA REF: MDS-TE 026C/0810

