

**MERLIN S300-1**

Ford Fiesta 1.4 - Siemens



Peugeot/Citroen 2.0 HDI - Bosch



J.Deere - Denso



Ford Mondeo - Delphi

The **MERLIN S300-1** unit is a single unit designed to test both Electro-hydraulic and Piezo type injectors.

With common rail injectors the duration of the applied pulse along with the rail pressure, determines the amount of fuel injected into the cylinder.

The S300-1 can generate pulses suitable to drive piezo injectors as well as conventional solenoid types. The duration of the pulse as well as the repetition rate can be adjusted to simulate a range of operating conditions.

When the S300-1 is used in conjunction with a Merlin S425A tester (or S400A), a common rail injector can be operated sufficiently to observe the nozzle spray pattern and measure the back-leak time.

The S300-1 is designed to operate the Bosch, Delphi, Denso and Siemens series of automotive common rail injectors and the marine version some L'Orange applications.

**MERLIN S425A**

Illustrations and Technical Data are non-binding. Subject to change as a result of technological progress.