Automation & Test Solutions

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Leak Testing

Assembly Automation

Special Machines

Tel: +44 (0) 115 9503561

Plastic Fuel Rail Burst and Leak Test Machine



This piece of equipment has been designed and built to leak test an automotive fuel rail to a leak specification limit of 4mm³/sec at 3.5 bar.

A second test was carried out on every 100th part, this is a high pressure burst or proof test at 25 bar for a duration of 1 minute.

Key Features

- Single station machine with manual load and unload
- Automatic sealing of single fill port and two end ports with four fixed seals for the side ports.
- Interchangable fixtures to suit different variants of fuel rail
- Nolek TS600 Leak Test Instrument
- Air decay leak test @ 3.5bar
- Burst test @ 25 bar from bottled gas
- Hot stamping of tested parts
- Fully enclosed fixture
- PLC controlled

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