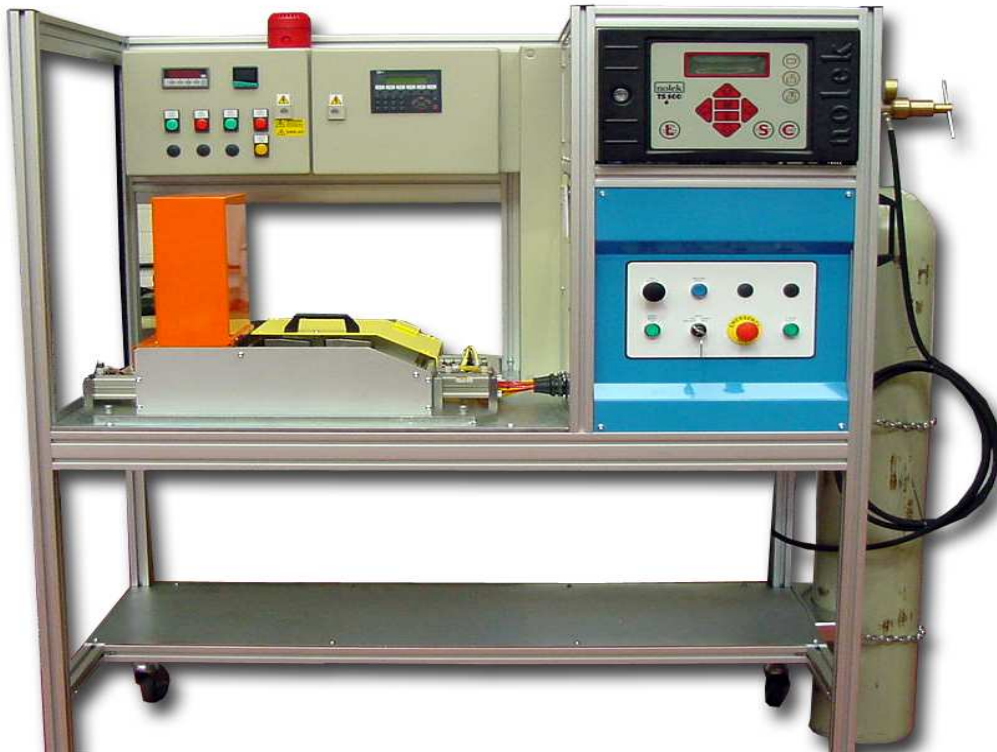


Plastic Fuel Rail Test Facility

Leak & Burst Testing



This piece of equipment has been designed and built to leak test an automotive fuel rail to a leak specification limit of $4\text{mm}^3/\text{sec}$ 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.



- 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.
- Interchangeable 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

