

Merlin Service Procedure



Your Merlin is a precision instrument that needs to be maintained annually to keep it safe and in full working order.

A Merlin service usually takes 3 hours, followed by up to 8 hours of testing.

During the service the following procedures are carried out:

- Full dis-assembly and cleaning of the main piston assembly
- Cleaning and polishing of the interior face of the piston in order to minimise friction
- Leak testing of the main piston assembly
- Replacement of the internal bacterial filters
- Cleaning of all internal airways with F-10 anti-microbial solution
- Full disassembly, cleaning and re-assembly of the Inspiratory and Expiratory valves
- Solenoid valve closure performance and leak testing
- Re-calibration of pressure monitoring modules
- Re-assembly of the main piston assembly
- Leak testing of the whole Merlin machine
- Performance testing of Merlin
- Electrical safety testing of Merlin

Once completed, we will return your Merlin to you in as-new performance. To keep your Merlin in prime condition please ensure that the servicing interval does not exceed 12 months.

Following a Merlin service our Service Department will issue you with a service certificate which you should keep for your records.