



ISO 11040-8 Testing Laboratory

Pre-filled syringe studies by MET

ISO 11040-8 Prefilled syringes -- Part 8: Requirements and test methods for finished prefilled syringes

This standard details a number of areas of physical system characterization, including:

- Break loose and extrusion forces
- Burst resistance
- Break resistance
- Closure system forces and torques
- Connectivity with fluid path connectors
- Residual volume
- Needle penetration force
- Needle pull-out force
- Anti-needle-stick requirements

Our technicians are experienced in applying these test methods across a wide variety of PFSs, self injectors and retractable needle devices. Our combined programmes examine all attributes of your injection system including; sterility, transit stability, shelf life and dose accuracy.



ISO 11608 Testing Laboratory

Injector Pen Testing by MET

MET is able to provide design validation studies for the pens and needles to all parts of the standard. We have auto injector testing programmes for all types of pen; A, B1, B2, C and D1, D2. We also offer standard programmes for needle bond strength, flow rate, compatibility, etc.

Testing areas include:

- Visual Inspection
- Needle Cap Forces
- Dose Accuracy Test
- Air Transport Plunger Movement
- CCIT Integrity Test
- Priming Volume
- Injection Forces
- Leak Test Under Compression

MET carry out auto injector testing to the ISO 11608 international standard.

Do not hesitate to contact MET, we are ready and waiting to help with all your testing needs!