

SEMI-AUTOMATED AUTO-INJECTOR TEST SYSTEM

ISO 11608-5

The Instron® semi-automated auto-injector test fixture is designed for use with the 6800 and 5900 test systems and Bluehill® Universal Software with the TestProfiler module, which allows the system to measure cap removal, activation force, injection time, injection mass/volume, and lock out force of the needle shield in a single test method. Bluehill Universal makes controlling the system easy, allowing users to quickly adjust test method speeds and parameters for a variety of different drug delivery systems. An optical micrometer can also be used to measure needle length during ejection, and needle retraction distance. In addition, an audio device can be used to detect an injection or needle retraction click.

THE INSTRON ADVANTAGE

- Quantify force, displacement, time, length, and mass properties of individual auto-injectors in a single test
- Modular solution that can be converted to a fully automated test system (applicable for 6800 and 5900 table model systems)
- Robust design that allows testing of most commonly used devices
- Supported by Instron local service
- Reduced operator training
- Compatible with the large library of calculations in Bluehill Software, including calculations for injection time and mass
- Compatible with Bluehill Universal's Traceability module for 21 CFR Part 11 compliance



SPECIFICATIONS

Scale Accuracy	Optimal Micrometer Accuracy	Electrical Requirements	Operating Temperature	
			°C	°F
mg	µm	Single Phase, 47/63 Hz 120 or 220 VAC	+10 to 38	+50 to 100
0.1	10			

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