Leading manufacturers of injection systems rely on TEAMED Injector Test. For many years teamtechnik has been delivering proven precision test systems all over the world.

For more information:
Please contact Carsten Köhler
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TEAMED INJECTOR TEST
AUTOMATED PRECISION TEST SYSTEM FOR INJECTION DEVICES

Easy testing
The TEAMED Injector Test is an automated system developed to perform functional tests on injection devices. Testing is highly efficient and covers a range of selected functions. Only perfectly functioning devices pass the test, irrespective of whether you are testing complete injectors or dosing mechanisms.
TEAMED INJECTOR TEST
CUSTOMER BENEFITS

Dynamic torque and force tests in a single process
The TEAMED Injector Test measures torque and force in a single process. To enhance valuable cycle time, with single clamping step, there is no need for time consuming handling. Teamtechnik provides dynamic torque testing based on proprietary high resolution and robust measuring systems. The test system simulates the patient behavior throughout the test sequence.

Automated processes deliver maximum safety
The TEAMED Injector Test guarantees ultimate safety and reliability. Based on optimized processes, teamtechnik engineers build custom systems and bespoke solutions for new devices.

Test protocol for data safety
The data interface guarantees that the entire test protocol is transferred to a supervisory system for review or other analytical efforts.

Main processes
- Dose-setting torque measurement
- Trigger of set dosing stroke and piston displacement monitoring
- Verification of dial reading with vision system
- Piston force and displacement
- Injection quantity, drug volume measurement
- Needle length measurement
- Cap removal force

Optional
- Labelling of NOK devices for traceability purpose
- Integrated data storage

Additional benefits
Cycle time 5 – 30 sec. depending on customers specifications
Test software based on LabView
System compliant with DIN EN ISO 11608-1
Compact space-saving design
Proven test platform TEAMED

TEAMED platform is clean room class 7 compliant.

Inline testing: 100% testing of dosing mechanisms
Dosing mechanisms can also be tested inline in a fully automatic assembly system. Critical values are safely and accurately measured, displayed and traced in a highly automated line.

The linear TEAMED platform was developed especially for integrating sophisticated medtech processes. This enables high-precision injection systems to be cost efficiently manufactured in high volumes.

Offline testing
Destructive and non-destructive functional testing

Batch release testing with full automated loading

Batch testing

Dosing mechanisms
100% inline testing

Complete injectors
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teamtechnik GROUP
GLOBALLY SUCCESSFUL.

At teamtechnik we have been living automation since 1976. Today we are the largest independent assembly and functional test systems specialist in Germany. Over 1000 employees worldwide realize highly efficient production technology for high-tech products; for example, for medical technology, e-mobility and sustainable energy.

Test System for batch release and high volume production

Easy testing
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