STANDARDS TEST FIXTURE

Syringe Needle Test Fixture

Stainless steel fixture for 90° bend tests on syringe needles



OVERVIEW

Special fixture for testing syringe needles in a 90° bend test. The needle hub is clamped upright in a spring-loaded holder on a base plate, and a fork-shaped loading member mounted on the crosshead deflects the needle sideways. The stainless steel construction suits clean-room and laboratory environments.

KEY FEATURES

- Spring-loaded holder clamps the needle hub upright
- Fork-shaped loading member deflects the needle for 90° bend tests
- Stainless steel construction for laboratory and clean-room use
- Quick specimen change between tests for high throughput
- Standard 15.9 mm clevis coupling for direct machine mounting
- Can be adapted to other hub geometries on request

TECHNICAL SPECIFICATIONS

Test type	90° bend
Specimen	Syringe needles with hub
Coupling	Female clevis, Ø 15.9 mm (5/8 in) pin
Material	Stainless steel
Max. load	On request
Temperature range	On request

APPLICATIONS

- Syringe needle QC
- Medical device testing
- Needle stiffness evaluation
- Hub retention checks

Ordering & customization: Specify needle gauge, hub type and the machine coupling.

Drawings available on request
Contact us for dimensional drawings or 3D models of this product.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-ST-150