STANDARDS TEST FIXTURE

Dental Implant Dynamic Loading Fixture ISO 14801

Inclined clamping fixture for dynamic loading of endosseous dental implants to ISO 14801



OVERVIEW

Fixture for dynamic loading tests on endosseous dental implants according to ISO 14801. The implant is clamped in a screw-driven vise mounted on an inclined block, so the load from the testing machine acts at the angle required by the standard. A separate loading member transmits the force to the implant abutment.

KEY FEATURES

- Designed for dynamic implant fatigue tests according to ISO 14801
- Inclined block sets the implant at the required loading angle
- Screw-driven vise with serrated jaws clamps the implant holder
- Separate loading member transmits force to the abutment
- Suitable for servo-hydraulic and electrodynamic test machines
- Male clevis or M20 × 1.5 male thread connection

TECHNICAL SPECIFICATIONS

Test type	Dynamic loading (fatigue)
Standard	ISO 14801
Specimen	Endosseous dental implants
Specimen holding	Screw vise on inclined block
Coupling	Male clevis or M20 × 1.5 male thread; others via adapter
Max. load	On request
Material	Steel (from photo)

APPLICATIONS

- Dental implant development
- Implant fatigue testing
- Regulatory submission testing
- Abutment system QC

STANDARDS ISO 14801

Ordering & customization: Specify implant diameter and length, loading angle, the machine connection and the dynamic load range.

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-210