LIQUID BATHS

Dental Implant Fluid Bath Loading Fixture

Angle-adjustable fixture with liquid bath for static and fatigue testing of dental implants to ISO 14801



OVERVIEW

A loading fixture for static and dynamic testing of endosseous dental implants according to DIN EN ISO 14801. The implant is clamped at an adjustable angle from 0 to 90° and loaded through an upper probe with a 20 mm spherical seat, while a liquid bath keeps it immersed in test fluid. The stainless steel fixture is rated to 2 kN.

KEY FEATURES

- Built to DIN EN ISO 14801 for dental implants
- Test angle adjustable from 0 to 90°
- Upper probe with 20 mm spherical seat
- Liquid bath keeps the implant immersed during testing
- Stainless steel construction with 2 kN capacity
- Broader probe version available on request

TECHNICAL SPECIFICATIONS

Max. load	2 kN
Test type	Static and dynamic (fatigue) loading
Test angle	0-90°, adjustable
Upper probe	Spherical seat, 20 mm
Environment	Liquid bath
Coupling	Female clevis, Ø 15.9 mm (5/8 in) pin
Material	Stainless steel
Bath temperature	On request

AVAILABLE VERSIONS

Standard probe	20 mm spherical seat
Broad probe	Wider probe with 20 mm spherical seat

APPLICATIONS

- Dental implants
- Abutments and screws
- Implant fatigue testing
- Medical device approval

STANDARDS ISO 14801

Ordering & customization: Specify test angle range, implant and abutment geometry, bath requirement (heated or unheated) 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-LB-010