LIQUID BATHS

Immersion Container with Tensile Grips for Tendons

Acrylic immersion container with stainless steel grips for cyclic and creep tests on tendons



OVERVIEW

An immersion container with tensile grips for cyclic and creep loading tests on human flexor tendons and similar soft tissue. The specimen is held between stainless steel grips, with the lower grip inside a clear acrylic container 200 mm in diameter and 300 mm high, so the tissue stays hydrated in saline throughout the test. A drain valve allows easy fluid exchange.

KEY FEATURES

- Keeps tendon specimens immersed throughout the test
- Clear acrylic container, Ø 200 × 300 mm
- Stainless steel tensile grips for soft tissue
- Suitable for cyclic and creep loading programs
- Drain valve at the base for fluid change
- Lower grip rod passes through the container base

TECHNICAL SPECIFICATIONS

Test type	Tensile, cyclic and creep
Specimen	Human flexor tendons, soft tissue
Container	Ø 200 mm x 300 mm high, acrylic
Grips	Stainless steel
Fluid drain	Valve at container base (as pictured)
Max. load	On request
Coupling	On request

APPLICATIONS

- Tendon and ligament research
- Soft tissue biomechanics
- Orthopedic research
- Graft and suture testing

Ordering & customization: Specify specimen type and size, load range, test fluid and temperature, 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-060