STANDARDS TEST FIXTURE

Syringe Tensile Holder

Anodized aluminum upper holder for tensile tests on syringes up to 2 kN



OVERVIEW

Upper holder for tensile tests on syringes. The syringe barrel is slid into a slotted plate and held by its finger flange, which is locked by a knurled screw, while a separate lower grip clamps the plunger rod. The testing machine then pulls the plunger out of the barrel or loads the flange to failure.

KEY FEATURES

- Slotted plate holds the syringe barrel by its finger flange
- Knurled locking screw for quick, tool-free specimen insertion
- Lightweight anodized aluminum body keeps tare weight low
- Rated for tensile loads up to 2 kN
- Combines with a small vise grip on the plunger rod
- Standard 15.9 mm clevis coupling for direct machine mounting

TECHNICAL SPECIFICATIONS

Max. load	2 kN
Test type	Tensile
Specimen	Syringes, held at the finger flange
Coupling	Female clevis, Ø 15.9 mm (5/8 in) pin
Material	Aluminum, anodized
Lower grip	Ordered separately (e.g. small vise grip)
Temperature range	On request

APPLICATIONS

- Medical device testing
- Disposable syringe QC
- Plunger pull-out tests
- Finger flange strength tests

Ordering & customization: Specify syringe size and flange dimensions, the machine coupling, and whether a lower plunger grip is required.

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-100