PUNCTURE FIXTURES

Huber Needle Coring Fixture

Fixture for coring tests on Huber needles through port septa to ASTM F3212



OVERVIEW

A test fixture for evaluating coring by non-coring (Huber) needles according to ASTM F3212. The needle is driven through a septum held in the stainless steel top plate, and any fragments cored from the septum collect in the transparent polycarbonate chamber below for inspection. Mounted in a universal testing machine, the fixture gives controlled insertion speed and force measurement.

KEY FEATURES

- Built to ASTM F3212 for non-coring needles
- Transparent polycarbonate chamber collects cored fragments
- Stainless steel top plate holds the septum
- Controlled needle insertion speed in a testing machine
- 1 kN capacity for needle penetration forces
- Female clevis coupling for the lower fixture

TECHNICAL SPECIFICATIONS

Max. load	1 kN
Test type	Needle coring / penetration
Specimen	Huber needles, septa
Coupling	Female clevis, Ø 15.9 mm (5/8 in) pin
Material	Stainless steel 1.4301 (304), polycarbonate
Chamber	Transparent polycarbonate cylinder (as pictured)
Temperature range	On request

APPLICATIONS

- Implanted port septa
- Non-coring needles
- Medical device validation
- Infusion systems

STANDARDS ASTM F3212

Ordering & customization: Specify septum size, needle gauge 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-PF-160