 TA | ElectroForce® BioDynamic® Chambers
Sterile bioreactors designed to fit your research needs

Bioreactor Chamber

- Provide a sterile, physiologically-relevant environment to mechanically stimulate samples
- Culture and test different sample sizes and types with a variety of fixtures
- Perform multi-axial loading experiments including tension, compression, pulsatile distension, and torsion

Planar Biaxial Chamber

- For the Planar Biaxial TestBench system
  - Perform planar biaxial loading with ElectroForce® grips or customer-provided fixtures
  - Run experiments in load or displacement control through low friction seals
  - Optimize imaging and non-contact strain measurements with a submerged top door, which eliminates air bubbles in the view field

MRI Chamber

- For 5100, 5200, 3200, and TestBench systems
  - Compatible with 9.4 Tesla MRI machine
  - Study structure, properties, and function in the same environment without disrupting sterility or perfusion
  - Stimulate, characterize, and image a sample to gain a cohesive understanding of properties
  - See the effect of mechanical stimulation and flow on tissue structure

Welcome to Above & Beyond™ Support – Industry-leading assistance from application specialists.

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