

QUESTIONNAIRE

Complete as much of the questionnaire as possible and contact us.

Fax: 1-952-516-5391

Phone: 1-800-430-6536

Q: What is the main reason you need a test machine? If you are doing research, please share as much information that you can regarding your objectives and focus.

A:

Q: What are the different types of material or components to be tested? Are you planning to test biological soft tissues or medical devices? Metals or composites? Textiles, rubber material, plastic film, or other materials? Please explain.

A:

Q: What types of tests are to be performed? Static tests? Dynamic? Cyclic or Fatigue? All? Are you planning to characterize your materials? Perform tension-tension fatigue or crack growth? One shot dynamic impact? Please explain.

A:

Q: What do you think is the maximum actuator stroke required (of each actuator)? This question will depend on how many different test samples you plan on and the maximum elongation of each during a test.

A:

Q: What is highest force expected? How about the smallest load?

A:

Q: What is the largest test sample size and geometry? Smallest?

A:

Q: What is the expected maximum strain? (5%, 100%, 250%?)

A:

Q: Are you performing cyclic or monotonic tests? What is the test speed requirement in frequency hz? Test speed for static tests in displacement/minute?

A:

Q: Explain sample geometry and details with attachment options for gripping. Explain thickness, width and length and grip type.

A:

Q: Is strain control a requirement? Explain test details.

A:

Q: The actuators are modular so can be user configured to mount vertical and to be split up into independent test stations. A four channel combined biaxial setup can be configured into 4 independent test frames. This requires additional fixturing. Is this of interest?

A:

Q: Do you have need to control the temperature of the sample? We offer a variety of different environmental chambers and bathes that can be configured for planar biaxial applications.

A:

Name: _____

Contact Information: _____