

# ElectroForce® Multi-station TestBench Instrument

## Versatile for Multi-station Testing of Materials or Components

The ElectroForce® Multi-station TestBench instrument combines high accuracy performance with a versatile design to accommodate the characterization of a wide variety of materials and biomaterials. The system features up to four compact frames for use on a single tabletop, controlled by one desktop computer, with capabilities to adjust each station's parameters independent of the others.

### Benefits

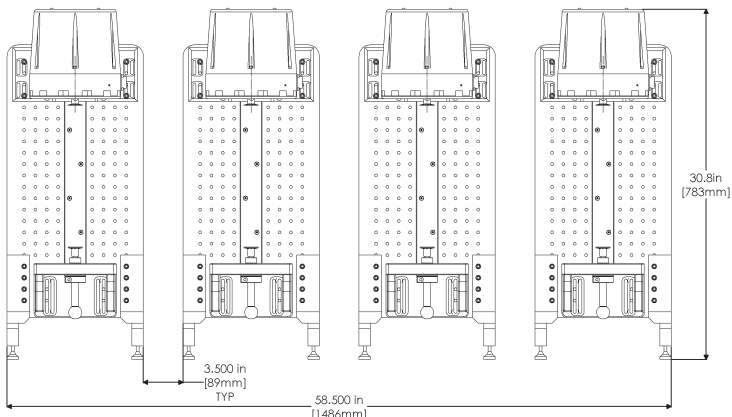
The Multi-station Testbench instrument can be used with a variety of fixtures to meet the needs of many applications.

The system provides:

- Testing in load control applications for up to 4 specimens
- Independent control of each test station including;
  - Waveform parameters (including waveform type, frequency, and limits)
  - Start and stop conditions
  - Limits
- 2-station configuration or 4-station configuration

The reaction brackets are pre-designed to allow easy attachment to the base plate. Each breadboard is supplied with a simple bolt pattern, making it easier to mount the TestBench components in the desired configuration. Standard grips and accessories can be used to connect a specimen to the base plate or to the movers.

Customers can take advantage of the patented ElectroForce linear motor to obtain high resolution data for low force characterization of a variety of materials. ElectroForce's linear motor has an unparalleled 10-year warranty due to its frictionless design, ensuring long-life for durability testing applications.



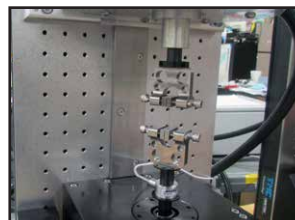
Specifications are subject to change



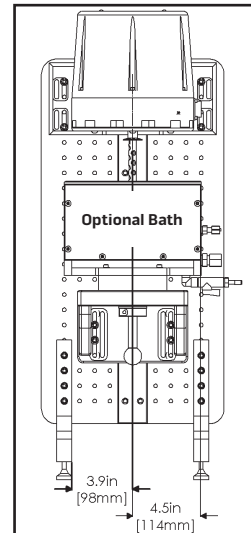
ElectroForce® 2-station TestBench Configuration



Reaction Brackets with Micro-adjust



Optional Grips Available



### Specifications

Max Force Capacity (N)	200
Max Displacement Range (mm)	12.5 (+/- 6.5)
Frequency	100 Hz
Dimensions (H x W x D) (in) - per station	31.8 x 12 x 17
Weight (lbs) - per station	74.5