

ElectroForce® Access

The right tools at the right price.

At TA ElectroForce, we strongly believe in supporting **biomedical innovation and education**. We want to ensure that researchers and future researchers who could benefit from our technology have access to it. That's why we've introduced the ElectroForce® Access program. The versatile ElectroForce 5500 test instrument is part of a global initiative.

5500 test instrument base system
+ WinTest® 7 software and computer
+ load cell
+ installation and training

The ElectroForce Access program applies to academic and industrial settings. It is appropriate for areas such as:

- Education/teaching in biomedical engineering and biology laboratories
- Biomedical research
- Product development for medical devices and biological products

Find out more at electroforce.tainstruments.com



Your success. Our mission.™

ElectroForce[®] Access

The right tools at the right price.

Research solutions for innovators and educators

Academic Research

- Biomaterials and tissue characterization
- Simulate physiologic loading to stimulate cell response

Education and Teaching

- Biomedical courses such as cell biology, biomechanics, and biotechnology labs
- Viscoelastic materials behavior understanding

Product Development

- In vitro testing of pharmaceuticals
- Medical device testing
- New material development

The TA ElectroForce difference

- **ElectroForce[®] proprietary zero-friction motor**—our technology provides exceptional performance, simplicity, and efficiency for sterile and non-sterile applications
- **Application range**—the ElectroForce 5500 has been used in applications such as tissue stimulation and growth, biomaterials characterization, and medical device testing
- **Compact size**—the ElectroForce 5500 is portable and fits at a lab station or in a cell-culture incubator
- **Wide range of accessories**—we offer a 24-well compressive loading fixture, digital video extensometer, specialized grips and platens, and much more to fit your research needs
- **Above & Beyond[™] support**—we provide peace of mind through application expertise, unlimited technical support, and the only 10-year motor warranty in the industry



5500 Base System Specifications

Peak Max/Load	± 200 N
Max Frequency	20 Hz
Max Displacement	13 mm
Frame Height	50.1 cm
Frame Width	20.3 cm
Frame Depth	26.9 cm
Max Vertical test Space (Shaft)	15.0 cm
Max Vertical test Space (No Shaft)	26.7 cm
Frame Weight	13.9 kg

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