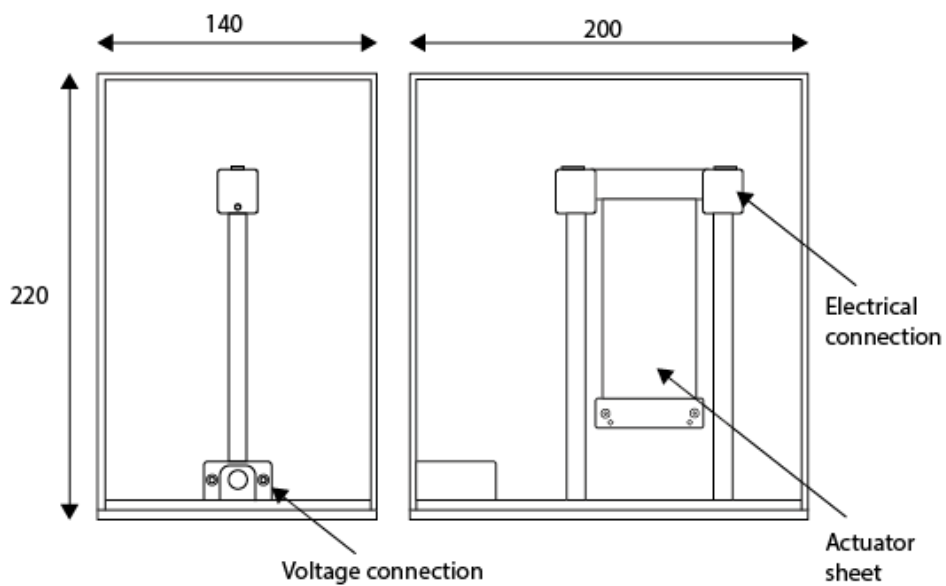


EAP actuator kit (017A0000)

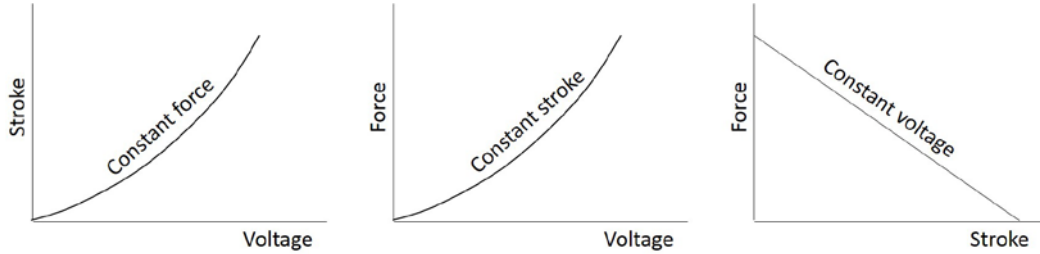
This actuator kit is designed to demonstrate the fundamental actuation characteristics of Electroactive Polymer (EAP) technology. It consists of a folded sheet EAP actuator with electrical and mechanical termination, as well as a protective box and external electrical termination. It is delivered assembled, ready terminated with electrical and mechanical interfaces to allow easy demonstration of the technology. It is ideal for carrying out the first steps of research with this technology.



Dimensions (mm)



Working principle



Specifications

Parameter	Value	Unit
Maximum operating voltage	2500	V
Stroke at maximum voltage*	2	mm
Bandwidth*	0 to 100	Hz
Capacitance at rest*	10	nF

*Indicative figures.

Please contact us for customisation or spare parts.



LEAP Technology's actuator kit is a high voltage device capable of storing significant amounts of electrical energy. This device should be operated by qualified personnel only. Always take appropriate precautions before using, including the use of appropriate Personal Protective Equipment. Always carry out a risk assessment before connecting the kit to a power source. The clear plastic cover supplied with this kit is NOT a safety feature. LEAP Technology cannot be held responsible for misuse of the kit, or for failure of the operator to take appropriate precautions.

www.leaptechnnology.com

contact@leaptechnology.com

LEAP Technology ApS • Diplomvej 381 • 2800 Kgs. Lyngby • Denmark