

## UNIVERSAL TESTING SYSTEMS

### Electromechanical Servo Actuators



The Electromechanical Servo Actuators can be universally used as flexible testing machines. They are ideal for tensile and compression tests and can be variably integrated in different test fixtures. Applications range from materials and components testing to tests performed on end products also used in structure testing. In addition, they can be used to test production steps (e.g. joining, press-fitting and assembly) or to perform fatigue tests with large strokes.

Our range of Standard and Flexible Electromechanical Servo Actuators are the ideal solution for high performance industrial applications that need maximum speed and force while supporting sustainable and efficient operations. Packages combining an electric linear servo actuator, servo drive and integrated software are engineered to work together for optimum performance.

Long-lasting performance and reliability with integrated design

Better precision motion control and low inertia motors for higher acceleration

Reduces maintenance and operating costs, and eliminates the potential of oil leaks

#### Description

The electromechanical servo testing actuators are available in different capacities up to 300kN.

High test speeds up to 500 mm/min guarantee high efficiency.

Operating modes—force control and position control—can be switched seamlessly according to application

A large range of standard modules such as load cells, test fixtures, testing software, and standard electronics is available for various testing situations.

Accessory cards and interfaces are available for easy integration.

Flexible usage:

Variable mounting via front or rear flange

Measurement and control electronics in separate casing

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Flexible programming of test sequences due to versatile interfaces

Ideally usage for clean room areas

Easy to install and maintain:

Installation possible without additional infrastructure (like e.g. hydraulic pumps or pneumatic connections)

Low maintenance costs and long lifetime

Large variety of standard modules:

Easy mounting of load cells and tooling

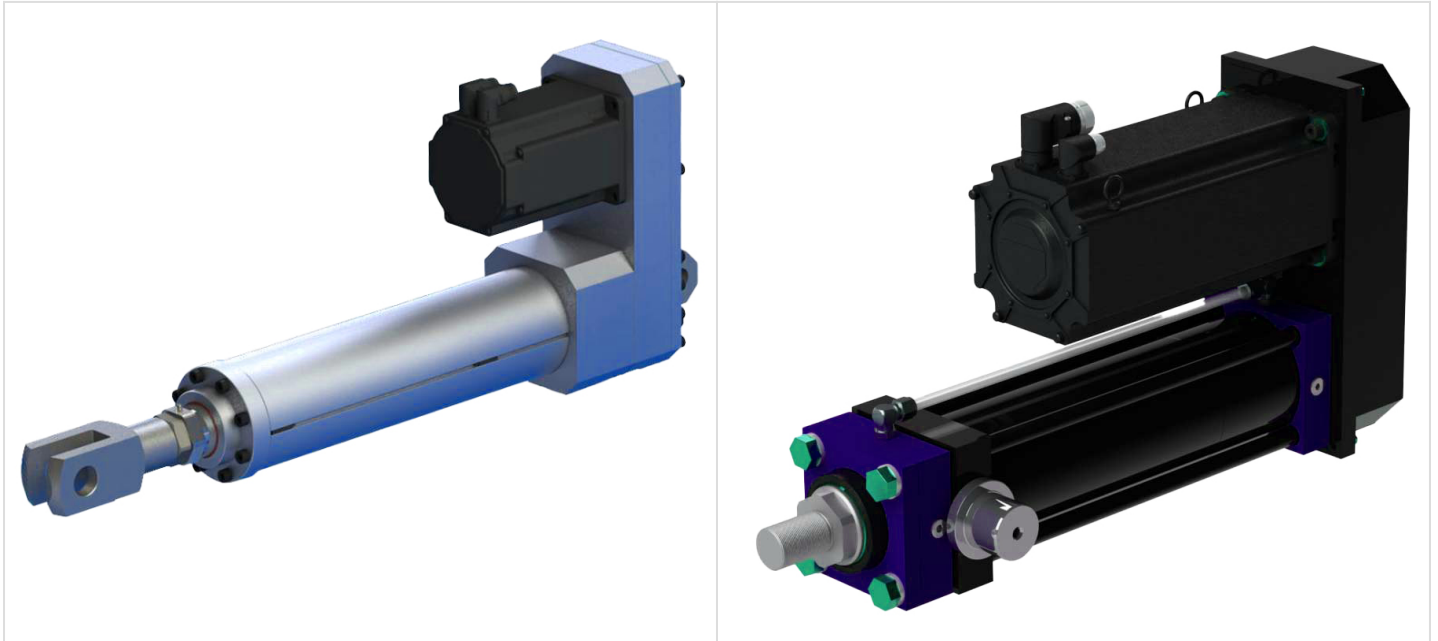
Operation via standard PC and Innovotest Universal Testing software

Designed to meet maximum machine performance

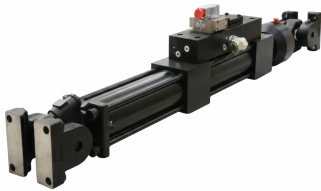
Engineered in advance, each component is optimized to work together

Choice of Standard or Flexible Servo actuators

## Product Gallery



## You May Also Be Interested In



**Servo Hydraulic Quasi Static  
Actuator System. 500kN**  
PLMT-500AXS



**Servo Electromechanical  
Universal Testing Machine**  
PLMT-XE



**Cold Test Bending Machine**  
PLMT-150CB

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