



MTS Series 300 Test Systems

100 kN capacity in a compact frame

Benefits

- » Compact
 - System size ideal for small spaces & high testing volume labs
- » Powerful
 - Full servohydraulic capability for both static & dynamic tests
- » Compatible
 - Works with standard MTS grips, controls & software
- » Affordable
 - Less expensive than a full-sized load frame

For labs that are interested in increasing testing capacity while lowering cost-per-system, the MTS Series 300 Test System provides an attractive alternative to a full-sized load frame. This small, but powerful system can run accurate static and dynamic tests on both brittle and ductile high-strength materials.

COMPACT SOLUTION

Whether a lab has limited space or high testing volume requirements or both, this right-sized test system makes it easy to fit multiple load frames into a small space, greatly increasing the amount of testing that can be done simultaneously.

POWERFUL & ACCURATE

The compact Model 300.10 Test System can perform a wide range of loading up to a maximum rated force capacity of 100 kN. With large 63.5 mm (2.5 in) diameter columns and a small 254 mm (10 in) space between columns, this system provides excellent lateral and axial stiffness for accurate test results.

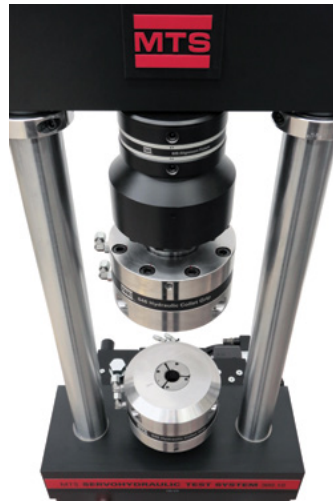
SUPERIOR ACTUATOR TECHNOLOGY

Integrated MTS Series 244 actuators provide low friction and long fatigue life. The actuator rods are coated with proprietary MTS SureCoat® Rod Finishing Technology which increases their life by 10x over conventionally chrome-plated rods and decreases actuator wear by 10x as well. These longevity improvements reduce the total cost of ownership of an already economical servohydraulic testing solution.

be certain.

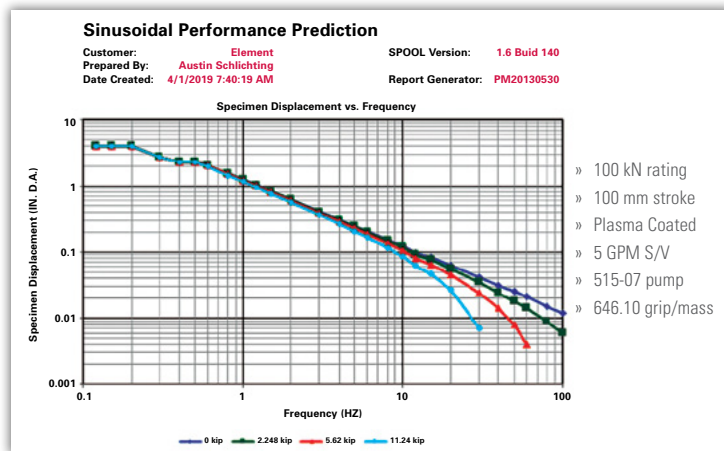
Features

- » 100 kN (22 kip) maximum rated force capacity
- » 100 mm (4 in) total stroke actuator
- » Actuator rods with MTS SureCoat technology
- » 254 mm (10 in) between columns
- » 775 mm (30 in) maximum space between load cell and actuator
- » Manual lifts and locks
- » Compatible with 646.10 and 647.10 grips
- » Integrated 21 MPa (3000 psi) grip supply available
- » CE and RoHS compliant



MTS Model 300.10
Servohydraulic
Test System

MTS Model 300.10: Performance



Model 300.10 Frame Dimensions

- A. 254 mm (10 in)
- B. 485 mm (19 in)
- C. 485 mm (19 in)
- D. 1665 mm (66 in)



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Note: Small load frame size may limit some test types and test configurations.

Specifications subject to change without notice.

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