

## Your Versatile Precision Platform

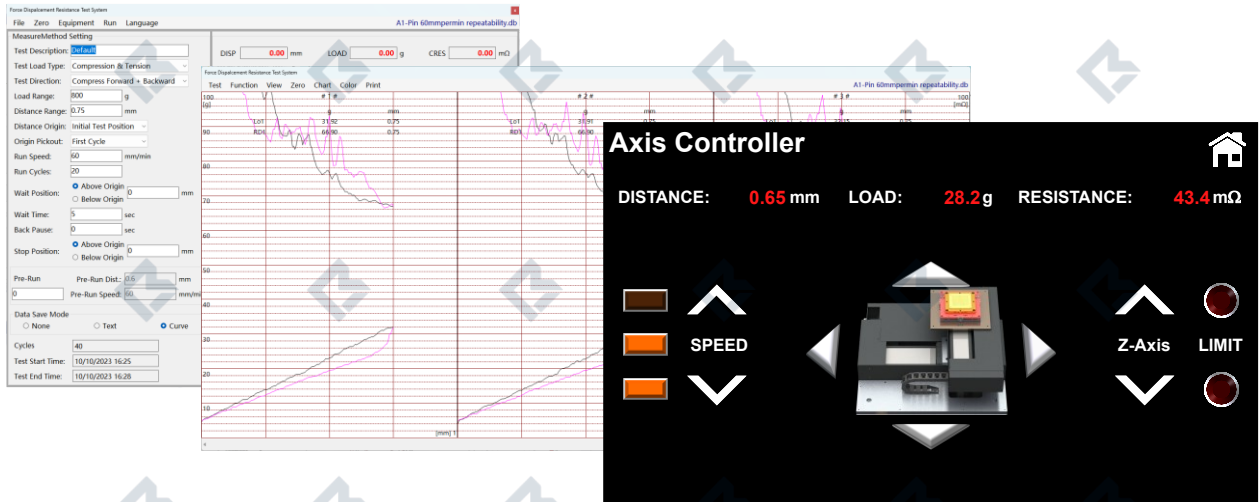
Customized to elevate laboratory and production in probe pin and socket industries. The FTS-150 is the ultimate precision stage, crafted for adaptability across diverse applications. Tailored to meet the increasing demands of both laboratory and production environments within the probe pin and socket industries, this exceptional platform is more than just a force-displacement-resistance (FDR) measurement tool. It offers a dynamic range of capabilities, including mechanical cycling and vision inspection, expanding the horizons of your testing potential.



### Key Features:

- **Versatility:** The FTS-150's adaptability knows no bounds. Tailor it to suit your precision requirements, whether for force-displacement-resistance testing, mechanical cycling, or vision inspection tasks.
- **Precision FDR:** Excels in providing precise measurements, not limited to resistance but also extending to force and displacement. This capability empowers engineers to conduct in-depth analysis, setting the FTS-150 apart as a game-changer in the industry.
- **Reach:** Traverse the test space with an XY movement range of 150mm x 150mm, and Z-axis which offers 100mm of travel, perfect for multi-dimensional testing.
- **Customization:** At R&M Electronics, we offer both mechanical and software customization, ensuring the system aligns seamlessly with your unique requirements.

Designed with user convenience in mind, the FTS-150 boasts an intuitive PC software interface and a highly responsive touchscreen, making test control, configuration, and monitoring effortless.



## Specification

Model	FTS-150
Form Factor	Bench Top
Dimension (WxLxH)	450mm x 420mm x 800mm
XYZ-Axis Travel	150mm x 150mm x 100mm
Controllability	0.01mm
Accuracy	0.001mm
Movement Speed	0.1~1000.0 mm/min
Load Capacity	2kgf
Load Resolution	0.1gf
Load Accuracy	± 0.2% FS
Resistance Measurement	0.1mΩ ~1600mΩ (Kelvin 4-Wire)
Resistance Resolution	0.1mΩ
Communication	USB Serial, Touchscreen GUI
Input	AC 220V

For further information, specific customization requests, or to explore how the FTS-150 can optimize your testing processes, please do not hesitate to contact us.