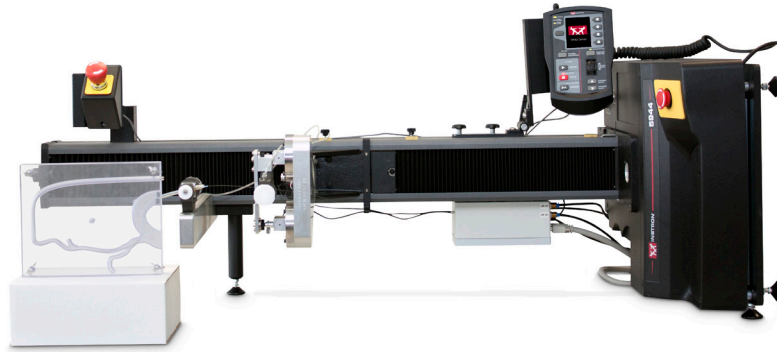


TORTUOSITY TESTING SYSTEM |



The Instron® Tortuosity Testing System is designed for the evaluation of both catheters and guidewires to simulate percutaneous procedures such as angioplasties. The system can be easily moved from a vertical to horizontal position to allow for flexibility in possible applications. The horizontal tortuosity testing setup uses a unique, averaging dual load cell approach to minimize the effects of side-loading, increasing the accuracy of load readings for low-force device insertion and removal tests.

Instron's Bluehill® Software provides intuitive control of the system through the TestProfiler module, helping an operator create complex test sequences. Test results can easily be configured to meet both industry standards and internal specifications.

THE INSTRON ADVANTAGE

- The system can easily be uprighted to perform additional testing
- Compatible with existing fixtures (depending on load limits)
- Supported by local Instron Service
- Uses standard Bluehill Software
 - Reduced operator training
 - Compatible with Bluehill's large library of calculations
 - Compatible with Bluehill Universal's Traceability module for 21CFR Part 11 compliance
 - Verification and IQ/OQ services available
- Horizontal mounting can be added to a new or existing Instron frame

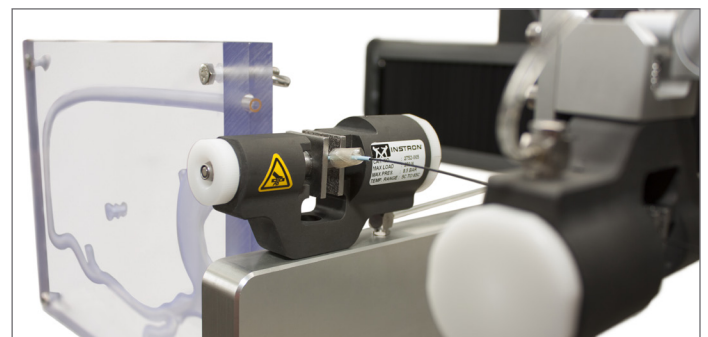
KEY APPLICATIONS

- Guide wires
- Catheters
- Other medical tubing

SPECIFICATIONS

Frame Load Capacity	kN	1
	Lbf	224
Electrical Requirements (Single Phase)	Hz	47/63
	VAC	120 or 220
Operating Temperature	°C	+10 to 38
	°F	+50 to 100

Note: Lower load capacities can be accommodated with smaller load cells.



User-supplied tortuous paths and environmental baths can be added to the end of the testing system to simulate friction in a wide variety of physiological environments.

www.instron.com