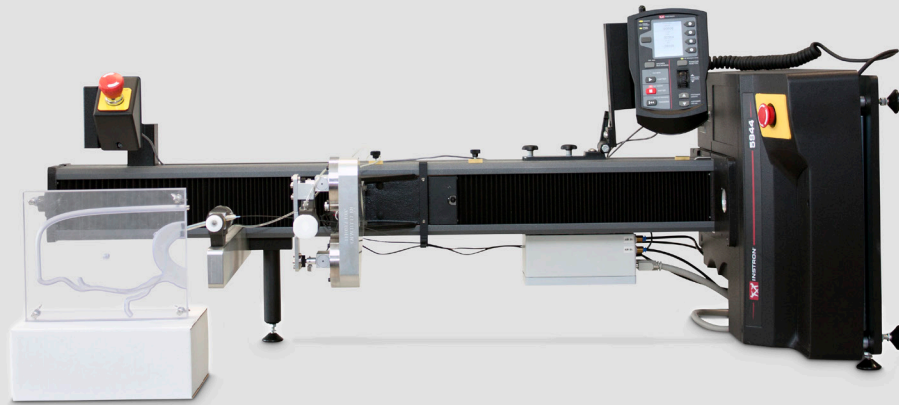


# Catheter Testing Systems



The Instron® Catheter Testing System is designed for both tortuosity and tensile testing of catheters. The system can be easily moved from a vertical to horizontal position to allow for different test setups. The horizontal tortuosity testing setup uses unique, averaging dual load cell approach to minimize the effects of side-loading, increasing the accuracy of load readings for low-force friction tests.

Instron's Bluehill® Software provides ease of control of the system configuration for both tensile and tortuosity testing, and can provide results that can be as simple as a pass/fail upon the end of test.

## The Instron Advantage

- No need for a dedicated tortuosity and tensile frame
- Compatible with existing fixtures (depending on load limits)
- Supported by an Instron local service
- Uses standard Bluehill Software
  - Reduced operator training
  - Compatible with Bluehill's large library of calculations
  - Existing IQ/OQ documentation will not be affected with an axial torsion add-on
- Horizontal mounting can be added to a new or existing Instron frame

## Key Applications

- Guide wires
- Catheters
- Other medical tubing

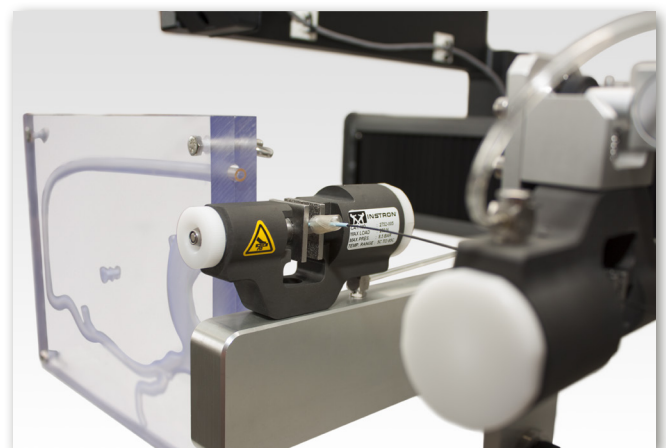
## Specifications

### Frame Model Options

Frame Load Capacity <sup>1</sup>	N	1
	Lbf	224
Electrical Requirements (Single Phase)	Hz	47/63
	VAC	120 or 220
Operating Temperature	°C	+10 to 38
	°F	+50 to 150

Note:

1. 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](http://www.instron.com)