

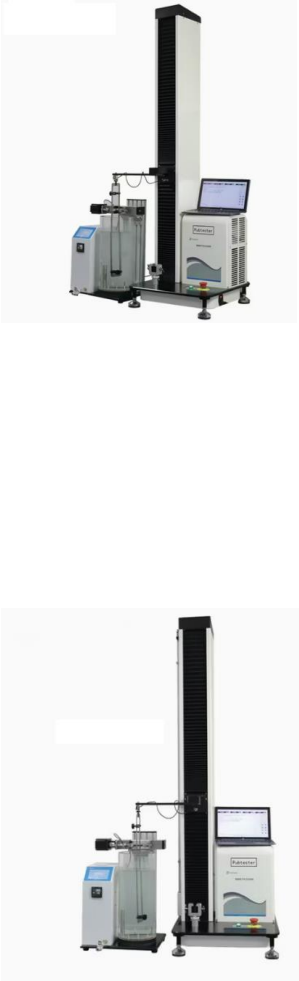


# TECHNOCRATICS (Pvt) Ltd.

ISO 9001:2015 Certified Company  
NTN # A351529 GST # 3277876261645



## Catheter Guidewires Surface Sliding Reciprocating Friction Force Test

Description	Image
<p>Catheter Guidewires Surface Sliding Reciprocating Friction Force Test Machine is used to test the surface friction, sliding properties and reciprocating friction force of catheters such as urinary catheters, drainage tubes, tracheal intubation, balloon catheters, guide wires, etc.</p> <p><b>Technical Features</b></p> <p>Reciprocating friction test of the process and return, obtain the test data under different moving directions</p> <p>The number of frictions can be set to meet multiple friction tests</p> <p>Static friction, dynamic friction, static coefficient of friction, dynamic coefficient of friction can be tested one time</p> <p>Automatic clamping device, the force value can be adjusted freely, to ensure the stability of the test</p> <p>Equipped with water circulated temperature control system, realized temperature auto control and wider temperature range</p> <p>Silicone pads and surgical diaphragms that meet the standard hardness provide a test environment close to human tissues</p> <p>Small load cell capacity ensures the accuracy of the test process</p> <p>High-precision imported ball nut screw with a new transmission structure of three-guide column guide bushing makes the system run more smoothly</p> <p>0.5% of full scale effectively ensures accuracy and repeatability of test results</p> <p>Equipped with advanced displacement control system, displacement accuracy can reach 0.1mm</p> <p>With advanced servo drive system, which can achieve infinitely variable speed and wider test speed range to meet the user's needs for different test conditions</p> <p>11.6inch tablet with intelligent data processing functions, providing users with a comfortable and smooth operating experience</p> <p>Speeds up to 3000mm/min for high-speed testing requirements</p> <p>Equipped with a portable control box for auxiliary operation, which makes the test more convenient</p> <p>Intelligent designs of over-travel protection, overload protection, automatic position reset and power failure memory for safe test operation</p> <p>Equipped with UL certified imported emergency stop button to maximize the safety of man and machine during the test</p> <p>Timely monitoring of the system status to ensure that the equipment is always in the best operating status</p> <p>Concise and intuitive operation interface, convenient user-defined test functions, and complete data analysis and reporting functions</p> <p>Built-in test file standard library, in line with various international test methods</p> <p>Provide historical data backup management function, which can conduct diversified analysis of historical test data</p> <p>User multi-level authority management, convenient for laboratory managers to regulate equipment use</p> <p>Equipped with a standard serial communication port, which can be connected to computer software to facilitate data processing and transmission</p>	



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Unique features such as constant elongation stress, elastic modulus, yield strength, bending test, timing constant force positioning shift test, interval selection, etc.

Pubtester also provides professional customization services to meet the individual needs of users in fixtures, software, etc.

Free software upgrade lifetime.

## Technical Specifications

Load Cell Capacity	10N (standard); 5N,30N, 50N (optional)
Resolution	1/3000000FS
Testing Accuracy	0.5% FS
Testing Speed	0.05~500 mm/min (Adjustable)
Accuracy of Speed	±1%
Maximum Stroke	600mm
Number of Friction	1~999
Number of Specimens	1
Test Distance of Catheter	>150mm
Clamping Way	Manual
Power Supply	AC 220V 50Hz/120V 60Hz
Instrument Dimension	340mm(L)×450mm(W)×1310mm(H) )
Net Weight	80kg

**Contact: 03330297007**  
**ERUM MAZOR**



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