****RSY-R2 Film Free Shrink Tester****

****RSY-R2 Film Free Shrink Tester**** is professionally applicable to the determination of heat shrinking performance and dimensional stability of various films, heatshrinkable tubes, hard PVC films for tablets, and back-sheets in the fluid medium at different temperatures.

### **Features**

Digital P.I.D. temperature control technology ensures the preset temperature to be reached rapidly without any fluctuation

* The instrument is heated through fluid medium, which could provide the stable test environment
* Automatic timer function to efficiently guarantee the accuracy of test data
* The instrument is controlled by micro-computer with LCD, PVC operation panel, and menu interface
* Standard clamp wire mesh support could make the test done smoothly

### **Standards**

This instrument conforms to the following standards:
GB/T 13519, ASTM D2732

**Rich Application**

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| **Basic Application** | Film | It is suitable for testing static and dynamic friction coefficients of plastic film and sheet |
| Paper | It is applicable to the test of dynamic and static friction coefficient of paper and paperboard |
| Textiles, non-woven fabrics, woven bags | It is suitable for testing static friction coefficient and dynamic friction coefficient of textiles, non-woven fabrics and woven bags |
| rubber | It is suitable for testing static and dynamic friction coefficients of rubber |
| Aluminum foil, aluminum foil composite film, metal products | Suitable for static and dynamic friction coefficient test of aluminum foil, aluminum foil composite film and metal products |
| Printed matter | Test of static and dynamic friction coefficients for printed matter |

# **Technical Index**

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| ModelItem | MXD-02 Coefficient of Friction Tester |
| Load range | 0 ～ 5 N |
| Accuracy | 0.5 Grade |
| Stroke | 70 mm, 150 mm |
| Mass of sled | 200g,   500g （1000g Optional） |
| Note: other quality sliders can be customized |
| Test speed | 100mm/min, 150mm/min |
| Note: other speeds are adjustable |
| Environmental requirements | Temperature：10℃～40℃ |
| Humidity：20%RH～70%RH |
| Power | AC  220V  50Hz |
| Size | 470 mm (L) × 310 mm (W) × 200 mm(H) |

**Product Configuration**

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| **Standard configuration** | Instrument, micro printer, 200g slider, 500g slider |
| **Optional items** | 1000g slider, non-standard slider, communication cable, professional software |