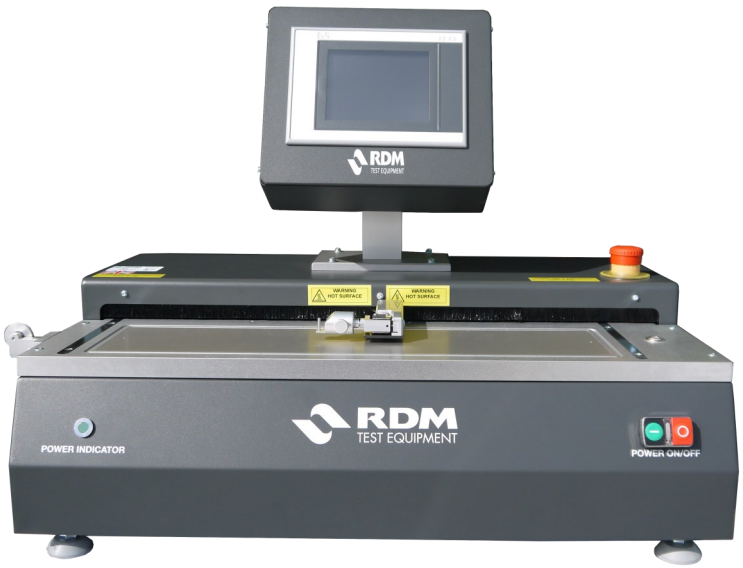
# CF800-XS - Precision Co-Efficient of Friction Tester

THE CF800-XS PRECISION CO-EFFICIENT OF FRICTION TESTER DETERMINES THE STATIC AND KINETIC FRICTION PROPERTIES OF PLASTIC FILMS, FOILS, LAMINATES, PAPERS AND BOARDS. THE EQUIPMENT PERFORMS TESTS TO RECOGNISED INTERNATIONAL TEST STANDARDS INCLUDING BS 2782 METHOD 824A, ASTM D1894, ISO 8295, AND TAPPI T549.

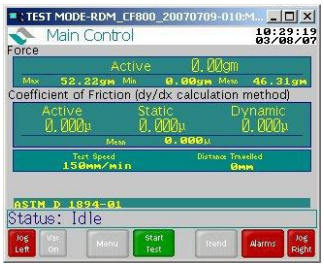



This equipment is essential for measuring the slip properties of packaging materials to ensure smooth running on production packaging machines or to measure the effect that a coating or print has on base material.

The new CF800-XS features the latest in design and technology for machine set up, testing, measurement and recording using touch panel screen display units. The constant, smooth lead screw driven cross arm ensures reliable and repeatable measurement.

Other benefits include: Vacuum suction on the bed to clamp the material, optional temperature control circuit to heat the bed for `hot slip´ values, together with analogue recorder output and RS232 output for either chart recorder logging or computer data logging of results.


**Trend Display**




**Results Display**

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TESTING SOLUTIONS

# Specification

| | |
|---|---|
| **Bed Material:** | Natural anodised cast aluminium |
| **Sled Material:** | Anodised aluminium with foam contact pad with density of 0.25/cm |
| **Speed Control:** | 10 – 1000mm/min +/- 10mm/min |
| **Force Reading:** | 0-1000.0 grammes +/- 0.25% Fro (other loads can be specified) |
| **C of F Reading:** | Calculated value from sled used 0-1.00 +/- 0.25% Fto |
| **Touch Panel Screen:** | LCD, 256 Colour, QVGA, 320 x 240 pixels, 14.48cm diagonal viewing.<br>Touch screen, analogue resistive (gonze) with serial controller<br>Processor Geode SC2200. 266 MHz MMX compatible.<br>2 mbyte, on board flash memory for firmware<br>64 MB Dram main memory |
| **Vacuum:** | Air pressure of 80 – 100 PSI supply with venture generated vacuum pulling +90 % vacuum |
| **Temperature:** | Ambient to 100ºC +/- 5ºC (when specified) |
| **Drive:** | DC synchronous motor/gear box driving ball screw and crosshead |
| **Speed Feedback:** | Via in line encoder |
| **Output:** | RS232 C |
| **Power:** | 240 VAC single phase 50/60 Hz (110V AC available on request)<br>0.75 KW max |
| **Environment:** | 5-50°C ambient operating temperature, RH 75% max (non-condensing) |

# Standard Accessories

- 200g 63.5mm x 63.5mm sled
- Sled / Bed Templates
- Check weight
- Sled links
- Magnetic strips


# Options

- Temperature circuit for HOT SLIP measurement
- Software package for data logging via RS232 link
- Ski sled 100g for measurement of stainless steel on test material
- Bed inserts to give test comparison with different metals
- Tensile grips for T peel or tensile test
- Peel attachment for 90° and 180° label / sticky tape peel test

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