

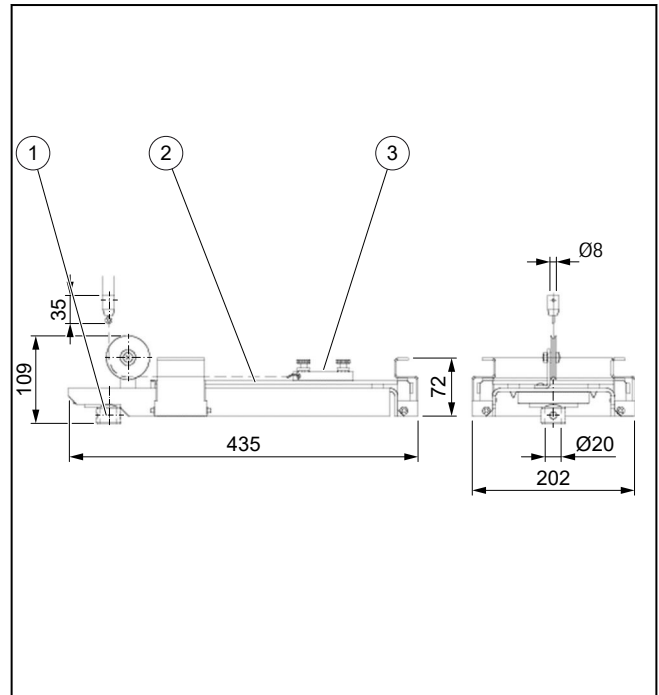
Product Information

Device for testing the frictional properties of plastic films

CTA: 73283 47737



Device for testing the frictional properties of plastic films



Fixture for testing the frictional properties of plastic films, overview

- 1 Connector Ø 20 mm
- 2 Stainless steel table and mirror glass plate
- 3 Friction block

Applications

For determination of the static and dynamic coefficient of friction to ISO 8295, ASTM D1894, ASTM D2534, TAPPI T549, TAPPI T664 su64 and DIN 53375 (with-drawn)

• Specimen material:

Plastic films, paper, board

Function description

The test fixture can be used to determine the frictional behavior between foils, as well as between a foil and sheet material (stainless steel or glass).

A film is clamped on the carriage. A second film can be clamped to the stainless steel test table or onto the

included glass plate, which is placed on the stainless steel table.

Advantages and features

- The testing machine can be used for multiple types of test, including tensile, tear growth and puncture tests.
- The glass plate clamping system enables rapid clamping of the film.
- The mirror-glass table is interchangeable.
- Various carriages are available.
- The usual applications are in a force range from 10 mN to 50 N.

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Technical data

Type Item No.	Friction test fixture 316251	
Dimensions Table	300 x 150	mm
Ambient temperature	+10 ... +35	°C
Connection, upper	Mounting stud Ø 8 mm	
Connection, lower	Mounting stud Ø 20 mm	
Scope of delivery	Mirror glass table and stainless steel plate for placing the specimens, deflection roller, upper connector with hook eye, spring (for ISO 8295), lower connector Ø 20 ^{H7}	

Accessories required

1 x required

Description	ArticleNumber
Carriage with clamping To ISO 8295, DIN 53375 (withdrawn), weight: 200 ±2 g, surface: felt, 63 x 63 mm	316253
Carriage with clamping To ASTM D2534 and TAPPI T664 su64, weight: 180 ±1 g, surface: glass, 25 x 75 mm	316255
Carriage with clamping To ASTM D1894 and TAPPI T549, weight: 200 ±5 g, surface: foam, 63.5 x 63.5 mm	1028256