



PLASTIC - RUBBER

ELECTRIC WIRE - CORD

LEATHER - VINYL LEATHER CLOTH

PAPER - PULP

TEXTILE - DYEING

PAINT - PIGMENT - INK

No. 517 DU PONT TYPE FALLING IMPACT TESTER

No. 517-L DU PONT TYPE FALLING IMPACT TESTER (WITH REFRIGERATING MACHINE)

No. 517-RP DU PONT TYPE REPETATIVE FALLING IMPACT TESTER



No.517 (Falling Height Max. 500 mm) No.517 (Falling Height Max. 1,000 mm)

No.517-L No.517-RP

JIS-(K5400), K5600-5-3, ASTM-D2794(Plastic), ISO-6272

> FEATURE

■ No.517 DU PONT TYPE FALLING IMPACT TESTER
 This tester is used to evaluate the falling weight endurance of coated film and point impact strength of plastic film. Attaching the test specimen between the die and the punch, the operator is to drop a weight from a certain height. After the weight has been dropped, the operator is to check for deformations, cracks, and peels caused by the impact. The tester can also be assorted with a low temperature chamber (L type).

■ No.517-L DU PONT TYPE FALLING IMPACT TESTER (WITH REFRIGERATING MACHINE)
 This model is equipped with a low temp. chamber and can be used for low temp. impact testing.

■ No.517-RP DU PONT TYPE REPETATIVE FALLING IMPACT TESTER
 This tester is used to evaluate the repeated falling weight endurance of coated film and point impact strength of plastic film. Attaching the test specimen between the die and the punch, the operator is to repeatedly drop a weight from a certain height. Options include break detection for FPC and electronic components.

> SPECIFICATION

■ General Specifications

Falling Height	50 to Max. 500 mm (Pitch 50 mm)	50 to Max. 1,000 mm (Pitch 50 mm)
Falling Weight	300 g, 500 g, 1,000 g	1,000 g, 2,000 g
Punch	Tip Radius R1/16", R1/8", R3/16", R1/4"	φ0.5", φ0.625"
Die	Radius R1/16", R1/8", R3/16", R1/4"	Indent φ0.64"
Test Plate	Steel Plate, 200 × 100 × T0.6 mm	-

■ No.517 DU PONT TYPE FALLING IMPACT TESTER

Dimensions/Weight (Approx.)	W500 × D300 × H840 mm/ 42 kg	W500 × D300 × H1,320 mm/ 50 kg
-----------------------------	------------------------------	--------------------------------

■ No.517-L DU PONT TYPE FALLING IMPACT TESTER (WITH REFRIGERATING MACHINE)

Temperature Range	-35 to 60 °C (Refrigerator)	
Power Source	AC 200 V, 3-Phase, 20 A, 50/60 Hz	
Dimensions/Weight (Approx.)	W1,050 × D680 × H1,010 mm/ 230 kg	W1,050 × D680 × H1,510 mm/ 250 kg

■ No.517-RP DU PONT TYPE REPETATIVE FALLING IMPACT TESTER

Option	Break Detection Function (Digital Panel Meter for Resistance Measurement.)
Power Source	AC 100 V, 1-Phase, 10 A, 50/60 Hz
Air Source	0.5 MPa or More
Dimensions/Weight (Approx.)	Main Body: W350 × D350 × H1,530 mm/ 30 kg Control Box: W380 × D250 × H210 mm/ 15 kg

*Power source, dimensions, weight may differ by specifications.