

No.181 FILM IMPACT TESTER



ASTM-D3420

This tester is used to evaluate the impact hole punching endurance of plastic film, paper etc. A hemispherical impact ball is attached to the head of the pendulum so that the impact workload to punch a hole into the test specimen can be directly read on the scale. The tester can also be assorted with a low temperature chamber to conduct the impact test at low temperature.

Specification

Model	No.181 FILM IMPACT TESTER	No.181-L FILM IMPACT TESTER (WITH REFRIGERATING MACHINE)
Capacity	0 to 1.5 J (Scale 0.05 J), 0 to 3.0 J (Scale 0.1 J) (2 ranges) 0 to 3.0 J (Scale 0.1 J), 0 to 6.0 J (Scale 0.2 J)	0 to 1.5 J (Scale 0.05 J), 0 to 3.0 J (Scale 0.1 J) (2 ranges) 0 to 3.0 J (Scale 0.1 J), 0 to 6.0 J (Scale 0.2 J)
Impact Head	Hemispherical shape, R12.7 mm, R6.35 mm	Hemispherical shape, R12.7 mm, R6.35 mm
Lift-Up Angle	90° (Additional Weight type)	60°, 90° (2 Stage Type)
Specimen	φ80 mm	φ80 mm
Clamp	Inner φ60 mm	Inner φ60 mm
Temperature Range	—	-35 °C to 60 °C (Refrigerator)
Option	Digital Display Ver.	Digital Display Ver.
Power Source	—	AC 200 V, 3-Phase, 20 A, 50/60 Hz
Dimensions/ Weight (Approx.)	W600 × D190 × H460 mm, 32 kg	W1,080 × D700 × H930 mm, 150 kg