

**DART IMPACT TESTING MACHINE
(FOR FILMS & SHEETS)**

Model No.
K-DIT-01



Description

DART IMPACT TESTING MACHINE is generally used to check impact strength of Plastic sheet and Films which are extensively used for packaging industries. Kant Plastology is serving this machine with robust construction and very operational ease mechanical fixtures. The offered apparatus determine the exact test result because of its perfect sample clamping attachment and friction free falling of Dart with dead weights release through magnet. The ease in operation and less maintenance are the key features of the machine.

Specification

MODEL (K-DIT-01)	
Falling Height	66cm, 152cm
Height Adjustment	Manually
Height Adjustment Resolution	± 2mm
Striker (Dart / Dead Weight)	Dart is made from aluminum
Striker (Dart / Dead Weight)	5 dead-weight of 5.0 gmf & 24 dead weight of 15.0 gmf Or 2 dead weight of 0.10 kgf,0.20 kgf,0.30 kgf,0.50 kgf and single dead weight of 1.00 kgf
Striker (Dart) Release Device	Through D. C. magnet
Maximum Thickness Of Test Sample	Test up to 100 micron films made from LDPE/HDPE /LLDPE/HMHDPE
Sample Clamping	On circular clamps with vacuum pump or specially designed for up to 500micron thick geo-membrane laminated fabric made from HDPE material
Vacuum Pump	½ HP vacuum pump creating vacuum up to 560Hg
Vacuum Control	Through throttle valve available at panel
Paint	Powder coated
Power Supply	230V AC, Single phase, 50Hz