

Plastic Film Tensile Strength Testing Machine



Picture is for reference only

Application

ASTM D882 is specifically designed for testing plastics that are less than 1 mm in thickness, and can be used to test any type of plastic specimen within this defined thickness range. Plastics thicker than 1 mm should be tested to ASTM D638. ASTM D882 testing is conducted on a Universal Testing Machine (also called a tensile testing machine) at a constant crosshead speed. The following are the most commonly measured tensile properties:

tensile strength
yield strength
yield strain
strain at break
modulus of elasticity

Specifications

Model	WDW-01,02,03,05,1,2,3,5
Structure	Single column double spaces
Max. Load(kN)	0.1, 0.2, 0.3, 0.5, 1, 2, 3 ,5
Material	All aluminum alloy surface spray painting shell

Load accuracy	Class 0.5
Load range	0.2%~100%F·S
Load resolution	1/500000
Resolution of displacement	0.01mm
Test speed(mm/min)	0.05-500 stepless arbitrary setting
Speed accuracy	within $\pm 1\%$ set speed
E-Tensile space(mm)	600 (can be customized)
E-Compression space(mm)	600 (can be customized)
D-Test width(mm)	100
F-Beam travel distance(mm)	772
Power supply	AC220V $\pm 10\%$,50Hz/60Hz(can be customized)