

TGT-01 Tearing Tester

TGT-01 Tearing Tester is applicable in the tearing test of films, sheets, flexible PVC, PVDC, waterproof films, woven materials, polypropylene, polyester, paper, cardboard, textile and non-woven, etc.

CHARACTERISTICS

- PLC control and touch screen operation;
- Automatic and electronic measurement;
- Pneumatic specimen clamping and pendulum releasing;
- Rapid force range selection;
- Multiple capacities of pendulum;
- Multi-testing units;



PRINCIPLE

Lift the pendulum up to certain height, enable it to have a certain potential energy, pendulum tears the specimen while swinging down, computer calculates the decreasing energy caused by tearing so as to obtain the needed force for tearing.

TECHNICAL INDEXES

- Pendulum Capacities: 200gf, (400gf, 800gf, 1600gf, 3200gf, 6400gf)
- Gas Source Pressure: 0.6MPa (users provide gas source themselves)
- Gas Inlet: Φ 4mm polyurethane pipe
- Dimensions: 480mm(L) x 380 mm(B) x 560mm(H)
- Power: AC 220V 50Hz
- Net weight: 23.5kg

STANDARDS

ASTM D1922, ASTM D1424, ASTM D689, TAPPI T414, ISO 6383, ISO 1974

CONFIGURATION

Standard: Mainframe, one basic pendulum, one augmenting weight, one check weight

Optional: communication cable, software .

Basic pendulum: 200gf, 1600gf

Augmenting weight: 400gf , 800gf ,3200gf ,6400gf

Check weight: 200gf, 400gf, 800gf, 1600gf, 3200gf, 6400gf

Please Note: pictures used are for illustration purposes only and may differ from the actual product received.

Shinetime International and Leading Instruments are always dedicated to the innovation and improvement of product performance and function. Therefore, technical specifications are subject to change without further notice.

Shinetime International reserves the rights of final interpretation and revision.