

**Vacuum
Leak Tester
TVLT-A10**



**Oxygen
Index Tester
TOIT-A10**

Vacuum Leak Tester TVLT-A10

Vacuum Leak Tester TVLT-A10 is a benchtop leakage tester with digital LCD display and operation panel to set accurate vacuum degree and vacuum retention time. Use of top quality parts & components ensures reliable overall product performance. Air compressor is used to compressed air during test. It is in accordance with ASTM D3078 international standard.

Features

- Microprocessor controlled system
- LCD display & PVC operation panel
- Wall thickness of vacuum chamber 15 mm
- About 20 mm water level above porous compression plate
- 10 minutes interval after turning off power
- Automatic compensation of constant pressure
- Easy to use & maintain

Applications

Used in leak testing of pouches, bottles , pipes, canes & boxes of foodstuff, pharmaceutical, medical, daily chemistry, electronic compounds, stationary & others industries. Also used in leak testing (seal performance) of specimens after falling tests and pressure resistance (compression) tests.

Specifications

Model no.	TVLT-A10
Vacuum degree	0 to 90 KPa
Accuracy	1 % FS
Resolution	0.1 KPa
Vacuum chamber effective size	270 × 210 mm
Vacuum chamber size	300 × 350 mm
Gas supply pressure	0.2 to 0.5 MPa
Dimension(L*W*H)	500 × 500 × 700 mm
Power supply	AC 220 V, 50 Hz
Net weight	About 17 kg
Gross weight	About 23 kg

Optional Accessories

Accessories no.	Name
01	Pressure Gauge

Oxygen Index Tester TOIT-A10

Oxygen Index Tester TOIT-A10 is used to analyze combustion property of homogeneous solid materials, foam, fabric, plastic films, & other materials. This oxygen indexer determines the percentage of oxygen required for polymer in the combustion process. It is the tool of research for the user to study anti-combustion formula by testing the combustion of polymer. It is in accordance with international standard ISO 4589.

Features

- Digital LCD display
- Adopted with high precision sensor
- Measures concentration of oxygen
- Thickness of material used for burning up to 10.5 mm
- Easy to use

Applications

Oxygen Index Tester is used in the plastic material industry, laminated & insulating materials, and electronic industry.

Specifications

Model no.	TOIT-A10
Measuring range	0 to 100 % O ₂
Resolution	0.1 % O ₂
Precision	± 0.4 % O ₂
Response time	< 10 S
Display precision	0.1 ± 1 %
Output excursion	5 % / year
Timer accuracy	0.5 S
Temperature	-10 to 45°C
Relative humidity	≤ 85%
Working pressure	0.1 mPa
Dimension	360 × 250 × 530 mm
Input pressure	0.245 to 0.4 mPa
Power	AC 220/110 V , 50/60 Hz