

**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 <sub>2</sub>
Resolution	0.1 % O <sub>2</sub>
Precision	± 0.4 % O <sub>2</sub>
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