

## ITK-8210 Computer Type Box Compression



**DesignStandard:** TAPPI-T804, JIS-Z0212, ISO2872, NFH13-001, CNS2236/351

**Uses:** Box compression testing machine is used for measuring the pressure strength of cartons, containers, etc, for inspecting the pressure-resistance and strike- endurance of packing materials during transportation or carry.

### Features:

- Adopting windows platform, all the parameter settings can be processed in the dialog box, and it operates easily.
- Using a single-screen operation, do not need to switch the screen.
- With three languages in simplified Chinese, traditional Chinese and English, the software interface can be switched easily.
- Choosing translational, overlapping mode at the same time to make sure a number of curve data comparison.
- With a variety of measurement units, measure in imperial&metric are switchable.
- With automatic magnification function, in order to achieve the most appropriate size of the graphics.
- With an advanced design of machine structure which have strong rigidity and small volume but light weight.
- It can do test of compression strength, stack strength and peak value.

### Specifications:

Capacity	1000KG,2000KG,OR 5000KGS
Resolution	1/250,000
Unit	kg,lb,n,g switchable
Test space	100×100×100cm
Drive System	servo system,precision ball screw, DC variable speed drive system
Test speed	0.5~1000mm/min, keyboard inputing
Dimension	180×150×175cm
Weight	550kg
Power	1φ、220V/50Hz
Safety Device	Stroke protection,Force and Elongation protection,Emergency stop device,Sensing device when specimen is destroyed.

### Software Functions:

- 1.Use windows working platform, set all parameter with dialog forms and operate easy;
- 2.Using a single screen operation, do not need to change the screen;
- 3.Have simplified Chinese, traditional Chinese and English three languages,switch conveniently;
- 4.Plan test sheet mode freely;
- 5.Test data can be directly appeared in the screen;
6. Compare multiple curve data through translation or contrast ways;
7. With many units of measurement, the metric system and british system can switch;
- 8.Have automatic calibration function;
- 9.Have user-defined test method function
- 10.Have test data arithmetic analysis function
11. Have the function of automatic magnification, to achieve the most appropriate size of graphics;