



Automatic Plactometer indices tester

Product model : GM/JC-6A

Product code :04130898



Application :

The instrument is one kind of special equipment for testing the lactometer indices of bituminous coal (including the maximum thickness Y, final degree of shrinkage X and volume curve)

Advantage :

- Computer conducts the temperature control and graphics drawing;
- On-line display of the temperature curve and sample expansion curve X , adopting advanced displacement sensor, it can convert the change of coal sample expansion and shrinking into the voltage change, then after the data collecting processing, the coal expansion and shrinking process is displayed on the computer screen, which highly improves the testing accuracy;
- On-line display control temperature value, standard temperature and opening;
- On-line operate and revise PID parameter that makes temperature controlling accuracy;
- Automatically calculate the final expansion and shrinkage X, after input testing date of upper layer and under layer, computer will automatically draw curve of upper layer and under layer, and calculate Y value;
- Can inquire expansion curve, print Y value curve, coal sample expansion curve and analytical sheet;
- Single furnace or double furnace testing options available;
- Can automatically save testing data every time, the data is query able and delectable at any time;
- Various personalized software operation interface, three printing methods which is suitable for kinds of coal testing;
- Intelligent mechanical sensor testing that has the function of power-off protection.

Parameter :

• Temperature control range :	0-800°C , temperature precision $\pm 3^{\circ}\text{C}$
• Testing accuracy :	Error of Y value, $Y > 20\text{mm}$, error $< 2\text{mm}$; $Y < 20\text{mm}$, error $< 1\text{mm}$; error of X value, $X < 32\text{mm}$
• Temperature measuring element :	K thermocouple
• Accuracy degree :	0.5grade
• Pressure sensor :	0-20Kg
• Displacement sensor :	0-200mm
• Power supply :	220V/50Hz