



Introduction

**Name: ZL-2116 Computer Servo Electro-hydraulic Compression
Test machine**



Tel: [+86-769-8928 0588](tel:+86-769-89280588)

Fax: [+86-769-8928 0988](tel:+86-769-89280988)

Website: www.zltester.com

E-mail: Zhongli@zltester.com

Address: [No.62, Xinxhe Management of Area, Wanjiang District, Dongguan city, Guangdong province ,China](#)



Description

This series are used for compression strength test of building materials, such as the specimen and component of cement, concrete and so on. Equipped with special auxiliaries, it can be used for bending resistant test of building materials and compression resistant test of red bricks. We can evaluate result parameters stated in related standards. They are perfect testing instruments for building project detection department, quality testing section, university and colleges, research institution and industrial and mining enterprise.

Product features

Adopt precision electro-hydraulic servo proportional valve. The speed is fast and the controlling accuracy is high. Mechanic limit pistons protection assures the safety of testing. Setup overload protection which can stop automatically, when the load exceeds the maximum by 2-5%.

The machine is with digital and multi-channel loop of measuring and controlling system. It adopts force closed loop control technique and has the function of constant stress loading and load keeping. Loading speed can be arbitrarily set and the testing curves can be real time displayed.

| | |
|-----------------------------------|----------------------------------------|
| Parameter | |
| Type | ZL-2116 |
| Measuring range of force (KN) | 300,600 |
| Relative error | Better than value of $\pm 1\%$ |
| Subsection of testing force | 3 Subsection 1,2,5 |
| Accuracy of constant pressure | $\pm 1\%$ |
| Loading speed (KN/S) | 1-10 |
| Accuracy of loading speed | Better than setting value of $\pm 5\%$ |
| Upper plate size(mm) | $\Phi 125$ |
| Lower plate size (mm) | 175*175 |
| Distance between two platens (mm) | 250 |
| Maximum piston stroke (mm) | 120 |
| Power supply | 380V $\pm 10\%$,50Hz |
| Shape of machine | Large space, double column type |
| Overall dimension (L×W×H) (mm) | Host machine 960×650×1405 |

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