



东莞中力仪器科技有限公司

ZhongLi Instrument Technology Co., Ltd.

Introduction

Name: ZL-8015 Electro-hydraulic pressure testing machine 2000kN/3000kN



Introduction:

The testing machine is mainly used for brick, stone, cement, concrete and other building materials, compressive strength test, also used to test the compressive performance of other materials.

Spatial adjustment method:

Through the hand wheel rotation, the adjustment of space to achieve compression.

Hydraulic System:

The oil tank is sucked through the filter screen and be inhaled pump oil ,through the petroleum pipeline

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of oil pump transport to oil valve,When the hand wheel to send off the oil, due to the role of oil will push the piston, the oil from the return pipe to tank, when the hand wheel to open get the oil, then the working fluid into the fuel tank through the tubing, pressure tubing through and through oil return valve to tank.

Control system:

This machine adopts hydraulic loading, electronic measuring force, with a load of figures, the loading rate shows ,the maximum load to maintain, as well as overload protection and power data retention and other functions.



Picture Meter

Safety protection device:

When the test force more than 3% of the maximum test force, the overload protection, oil pump motor shut down.

Fixture:

Whole set fixtures include: a set compression platen fixture

Main performance technical specifications:

Max load	2000kN	2000kN	3000kN
Test force measuring range	4%-100%FS		
Test Force showed the relative error	≤indicating value±1%	≤indicating value±1%	<indicating value±1%
silk pole adjustment method	Manual operation	power-driven	power-driven
Test Force Resolution	0.01kN	0.01kN	0.01kN



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Piston diameter	φ250mm	φ250mm	Φ290mm
Piston stroke	50mm	50mm	50mm
Hydraulic pump rated pressure	40MPa		
bearing plate size	250mm×220mm	φ250mm×φ220mm	φ300mm×φ300mm

The machine Picture:



The CE certificate:

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CERTIFICATE

With EU Directive of Machinery Directive (MD 2006/42/EC)
& Low Voltage Directive(LVD 2014/35/EU)

Certificate No.: CE-15-1102-05

Holder: DONGGUAN ZHONGLI INSTRUMENT TECHNOLOGY
CO.,LTD.
Room 722, Dongyuan Mansion, No.159 QiFeng Road,
Dongguang city,P.R.C

Product: Computer Universal tensile testing machine

Model(s): ZL-8001 / ZL-8002 /ZL-8003 /ZL-8004 / ZL-8005 /
ZL-8006ABCD/ZL-8007/ZL-8008/ZL-8009/ZI-8010

Standards: EN ISO 12100:2010,
EN 60204-1:2006+AC:2010

Based upon the voluntary assessment of the product sample and Technical Construction File, the apparatus is deemed to meet the requirements of the above standards and EC directives.

The manufacturer has the responsibility for ensuring that all serial manufacture of the products are in compliance with the specification of the sample submitted for assessment and detailed in the technical file.



Date: 11.02.2015

Certification Body

For and on behalf of
EUROSCENE BUSINESS SOLUTIONS CO., LTD

Euroscene Business Solution

The CE marking may be used if all relevant and effective EC directives are complied with.

Euroscene Business Solution Co., Ltd.

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