



东莞中力仪器科技有限公司

ZhongLi Instrument Technology Co., Ltd.

Introduction

Name: ZL-8014 Full-automatic pressure testing machine 2000kN/3000kN



Tel: [+86-769-3365 7987](tel:+86-769-33657987)

Website: www.zltester.com

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

Fax: [+86-769-3365 7987](tel:+86-769-33657987)

E-mail: Sales1@zltester.com



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:

Electric lift

Hydraulic System:

The hydraulic oil tank driven by high-pressure pump into the motor oil, flows through the unidirectional valve, high pressure filter, pressure valve, servo valve, into the cylinder. Computer control signals to the servo valve, Control direction and opening of the servo valve, to control the flow into the cylinder, achieve constant test force control.

Control system:

System including digital servo valve, high-precision sensors, controllers and software, high control precision and reliability. Meet GB, ISO, ASTM and other standards for cement, mortar, concrete and other materials testing requirements.

System has the following functions:

- Closed-loop control with force;
- Can achieved constant loading rate or constant stress loading rate;
- Adopt computer for electronic measurement, automatic test;
- Computer automatically calculates the results and print reports.(picture 1 picture 2)
- Test reports can be to self-design and exported to Excel (picture 3)

Safety protection device:

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

Main performance technical specifications:

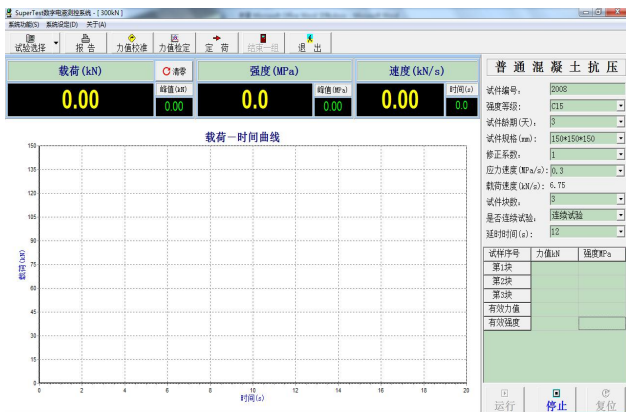
Max load	2000KN	3000KN
Test force measuring range	4%-100%FS	
Test Force showed the relative error	≤indicating value±1%	<±1%
Test Force Resolution	0.03KN	0.03KN
Hydraulic pump rated pressure	40MPa	



东莞中力仪器科技有限公司

ZhongLi Instrument Technology Co., Ltd.

Upper and lower bearing plate size	250×220mm	300×300mm
Maximum distance between the upper and lower plate	390mm	500mm
Piston diameter	φ250mm	Φ290mm
Piston stroke	50mm	50mm
Motor Power	0.75 kW	1.1kW
Outside dimension (l*w*h)	1000×500×1200 mm	1000×400×1400 mm
GW Weight	850kg	1100kg



Picture 1 The main interface

普通混凝土抗压 报表

试验编号: 2008 试验日期: 2010-07-22

委托单位		工程名称			
强度登记		实验龄期			
结果数据:					
序号	试件规格 (mm * mm)	强度等级	龄 期	力值 (kN)	强度 (MPa)
1	150.0*150.0*150.0	C15	3	51.19	2.3
2	150.0*150.0*150.0	C15	3	51.73	2.3
3	150.0*150.0*150.0	C15	3	51.60	2.3
检测依据		GB/T 50081-2002	有效强度 (MPa)		2.3

Picture 2 Interface test report

Tel: +86-769-3365 7987

Website: www.zltester.com

Address: No.62, Xinhe Management of Area, Wanjiang District, Dongguan city, Guangdong province, China

Fax: +86-769-3365 7987

E-mail: Sales1@zltester.com



东莞中力仪器科技有限公司

ZhongLi Instrument Technology Co., Ltd.

The machine Picture:



Tel: [+86-769-3365 7987](tel:+86-769-33657987)

Website: www.zltester.com

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

Fax: [+86-769-3365 7987](tel:+86-769-33657987)



E-mail: Sales1@zltester.com



东莞中力仪器科技有限公司

ZhongLi Instrument Technology Co., Ltd.

The CE certificate:

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/ZL-8010
Standards:	EN ISO 12100:2010, EN 60204-1:2006+AC:2010
<p>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.</p> <p>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.</p>	
	
Date: <u>11.02.2015</u>	Certification Body <i>For and on behalf of</i> EUROSCENE BUSINESS SOLUTIONS CO., LTD  Euroscene Business Solution
<p>The CE marking may be used if all relevant and effective EC directives are complied with.</p>	
Euroscene Business Solution Co., Ltd. 7/11 Minerva Road, Park Royal, London, NW10 6HJ	

Tel: [+86-769-3365 7987](tel:+86-769-33657987)

Fax: [+86-769-3365 7987](tel:+86-769-33657987)

Website: www.zltester.com

E-mail: Sales1@zltester.com

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