



# Introduction

Name: ZL-7011 Vertical low-temperature testing machine



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**Equipment summary:**

ZL-7011 Vertical low-temperature testing machine is a machine which adopt vertical design, do not have to bend over to grip specimen, easy to operate, thus more handy, it used to test the finished shoes, rubber, plastics, shoe soles, synthetic leather and other material in a cryogenic or cool regions environment. The machine is made of stainless steel, and can install various fixture to suit different requirements.

**corresponding standard :**

operative standard :ASTM-D1790,D1593,JIS-K6545 .

**Applicable industry:**

Applied to test leather performance in shoes, clothing, luggage handbag industry, research laboratories; commodity inspection, arbitration and technical supervision departments.

**Technical parameters:**

model		ZL-7011
Inside size D×W×H		400×500×400mm (L*W*H)
fixture		Based on actual demand, such as sole folding, leather folding and shoes folding
index	Temperature range	Normal temperature ~ -30℃
	uniformity	≤±0.5℃/.+2℃-3℃
	Cooling time	-25℃~-30℃(about 80min)
system	controller	LED digital(from Taiwan) P、I、D +S、S、R.microcomputer controller
	Accurate range	Setting accuracy: temperature ±0.1℃ , directed accuracy: temperature ±0.1℃ , resolution : ±0.1℃
	Cooling system	Totally enclosed air-cooled single-stage compression refrigerate mode / original from French "Taikang" / totally enclosed air-cooled re-compression refrigerate mode
	Compressor start delay	5min
	Circular system	Temperature, low-noise, air-conditioning-type motor. Multi-vane centrifugal wind wheel
material	Outside material	High-quality carbon steel plate. Phosphide electrostatic spray treatment / SUS304 stainless steel hairline treatment
	Inside material	SUS304 High-quality stainless steel light board
	Insulation material	Rigid polyurethane foam, ultra-fine glass fiber cotton
Standard collocation		a set of Multi-heated glass window attached lighting,

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东莞中力仪器科技有限公司

ZhongLi Instrument Technology Co., Ltd.

	testing product shelf 2 pcs, test leads holes (25,50 mm) 1 pcs
Safe protection	Leak current, short circuit, over temperature, motor overheating, over-pressure compressor, overload, over-current protection
timing	0.1~999.9 (S、M、H) adjustable
Power	2.5KW
Voltage	AC380V±10% 50±0.5Hz Three-phase five-wire system
environmental temperature	5℃~+30℃ ≤85%R.H

annotation:

1. Above data were measured at temperature (QT) 25 °C and no-load condition.
2. Can be customized non-standard-type high-low-temperature testing machine according to use's requirements

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