



# Introduction

**Name: ZL-2815 Headphone Torsion Life Testing Machine**



## **Product use:**

This machine is suitable for torsion testing of headphones

## **Device application**

This machine is suitable for the torsion life test of the rotating shaft of the earphone earphones. The torsion test method is: the left and right earpieces of the earphone are fixed on the torsion

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fixture, the headband is fixed on the support frame, and the test angle and rotation speed are set. After N tests , remove the headset to check the performance of the rotating shaft.

### Equipment Specifications

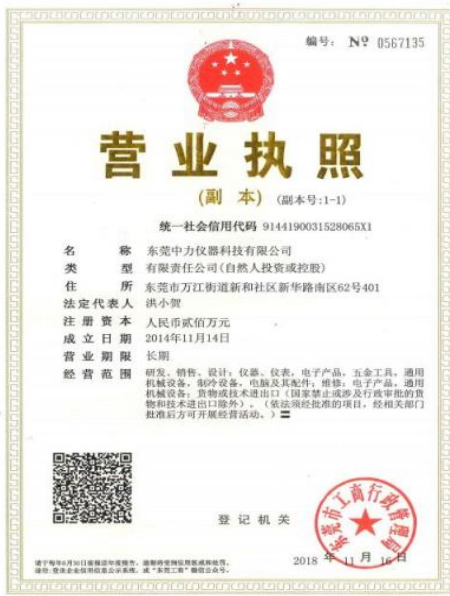
Control mode	PLC+touch screen
Transmission structure	Rotation mode
Minimum display angle	0.1 degrees
Earpiece center spacing range	150~220mm (adjustable)
Test speed range	5~40 times/min (can be set)
Test stroke	Plus or minus 90 degrees (can be set)
Times setting	1~99999999 (can be set)
Machine size	480(W)x590(D)x530(H)mm
Machine weight	40Kg
Power supply	AC 220V/50Hz/5A

### Equipment Features

- ◆Using stepper motor servo system as the power source, the performance is stable, reliable and durable, and the positioning is accurate.
- ◆With a special XY automatic centering device, it can reduce the error of the concentricity of the fixed alignment of the product, and can obtain the completely accurate performance of the rotating axis.
- ◆The center distance of the earpiece is adjustable, which is suitable for different product testing.
- ◆Using TFT4.3-inch true color LCD touch screen and Mitsubishi programmable controller for action control,
- ◆ Touch screen to set rotation angle, rotation speed, test times, and test interval pause time.
- ◆This machine is suitable for single-headset two-station independent control test or dual-earpiece one-station test



**Machine Certificate:**



**Business license**

**Fame Certificates Wall**

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东莞中力仪器科技有限公司  
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### Factory environment area



Company outdoor view



Reception

### Sales Team and Technical Team:



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**Exhibition:**



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