



东莞中力仪器科技有限公司

Dongguan Zhongli Instrument Technology Co., Ltd

Tel: +86-769-33657986

Fax: +86-769-33657987

Website: [www.zltester.com](http://www.zltester.com)

E-mail: [Zhongli@zltester.com](mailto:Zhongli@zltester.com)

Add: No.62, Xinhe Management of Area, Wanjiang District, Dongguan, Guangdong, China

# Introduction

**Name: ZL-3017 Lab Single Screw Extruder**



- Direct Manufacturer.
- Excellent Quality.
- Technical Innovation.
- Fast Shipping.
- Superior Service.



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### Application:

This kind of small extruder can be used in different kinds of area such as:

1. ABS filament extruder.
2. PLA filament extruder.
3. Small diameter PVC/PA/PC tube extruder.
4. Window edge band extruder.
5. Soft PVC profile extruder.
6. Plastic pellets making.
7. Rattan making.

### Technical Parameters:

Screw、cylinder: Adopt 38 CrMoAlA, which tempering and nitriding treatment.

Screw diameter: 25mm

Screw diameter ratio: 25: 1

Screw compression: 3

Motor Power: 1KW

Main motor speed controller: Frequency converter(Holip Brand)

Barrel heating type: Adopt stainless steel with electric heating

### Machine Picture:





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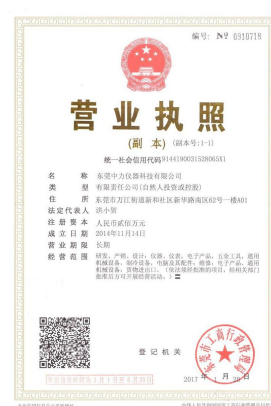
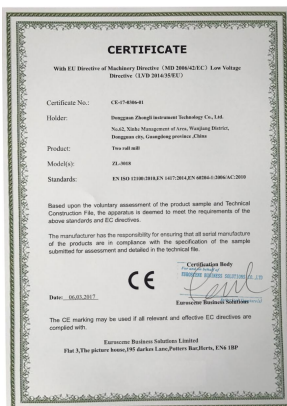
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### Application for water-cooling strand

1. Fiber reinforcement and modification: filling glass fiber or carbon fiber for: PP, PA, PBT, ABS, AS, POM, PPS, PET, etc.
2. Polymer compounding: PC+ABS, PA+ABS, CPE+ABS, PP+EPDM, PA+EPDM, PA+SBS, etc.
3. Filling modified: Filling CaCO<sub>3</sub>, Talc, Titanium, carbon black for PVC PE, PP, EVA etc.
4. Cable material: cable sheath, cable insulation compounds, crosslinking compounds, optical fiber protection compounds, cable coating material, thermal contraction material, etc.
5. Dedicated material: PPR pipe compounds, PE crosslinking tube material, cigarettes filter tip material, acetate fiber material, etc.
6. High Concentration Color Masterbatch: PE, ABS, PS, EVA, PET, PP + color + additives, etc.
7. Flaming Retardants: PVC, PP, PA, ABS, EVA, PBT + flame retardants, etc.
8. Special Functional Masterbatch: double protection masterbatch, antistatic masterbatch, anti-bacteria masterbatch, thermal insulation masterbatch, hypothermia material, etc.
9. The degradable masterbatch: PP, PE, PS + starch+ additives, etc.

### Machine certificate:





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**Related Machine:**





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## **Zhongli Introduction:**

Zhongli Instrument Located in Dongguan, Guangdong, China. It is a collection development, research, production and sales of integrated lab testing machine.

Zhongli attaches great importance on the construction of independent R&D ability and technical force, and has already built up a professional work team possessing independent R&D ability in order to design and produce better products to meet customers' requirements. Our machines adopt advanced technology and have good quality with high detecting sensitivity, strong anti-interference ability, stable performance etc. Customization is available in Zhongli, and our engineers can design drawings for customers to meet special requirements, also we can design and install machines according to different production lines.

We adhere to the conception of "Customer First", regard meeting customers' requirements as a primary goal and contribute to providing perfect products and satisfying services to our customers.

# **Thank you!**