



## Document History

Edit date	Version	Topic, revision, action taken

Disclaimer

Use Regulations

Personnel Responsibilities

## Safety Instructions

Prevent Electric Shock



Guard against Danger



Laser Caution

Prevent Waterway Corrosion

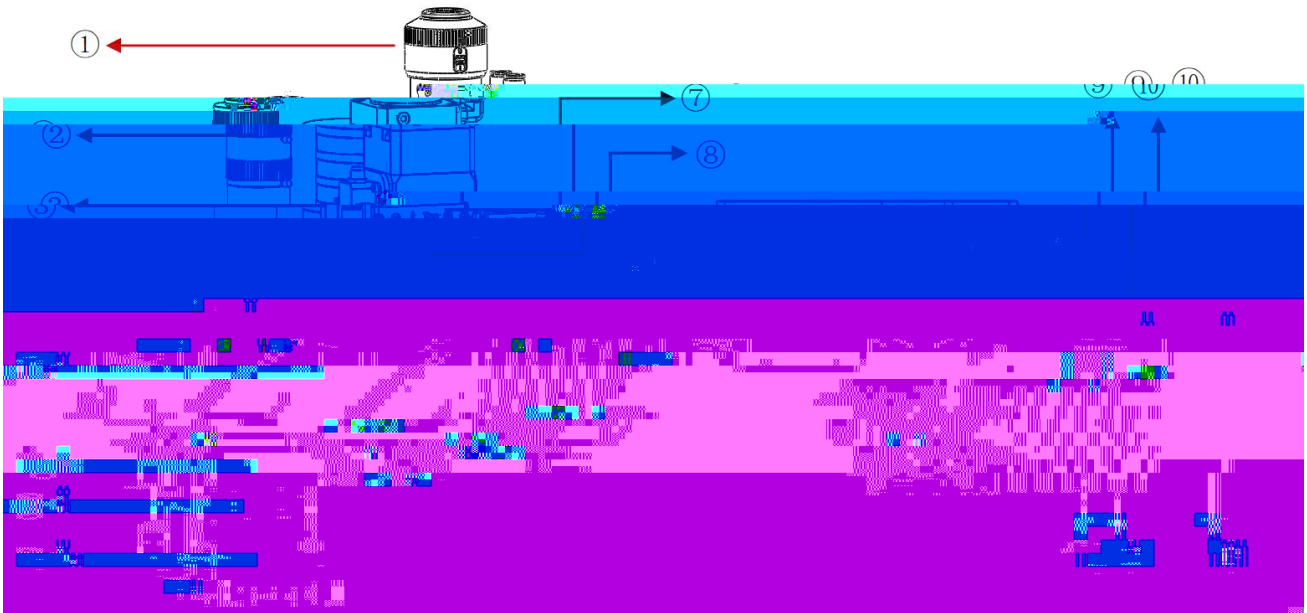
Noise Prevention

Storage and Transportation



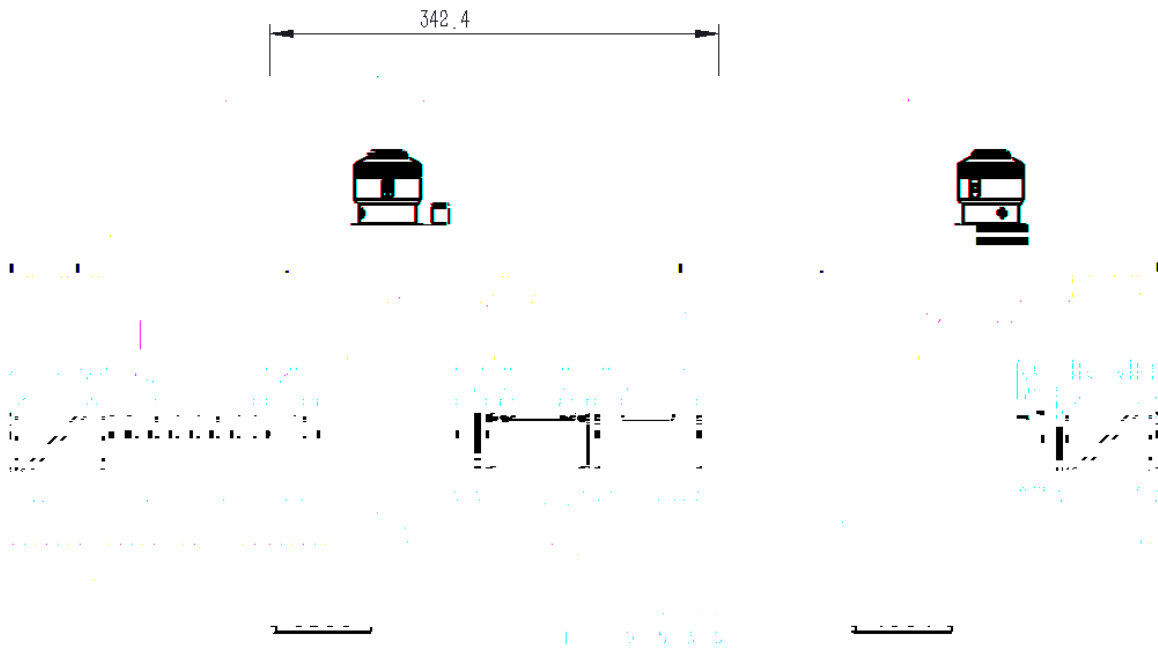
## 1 Product Summary

### 1.1 Structure (with QBH Interface)





## 1.3 Mechanical Size



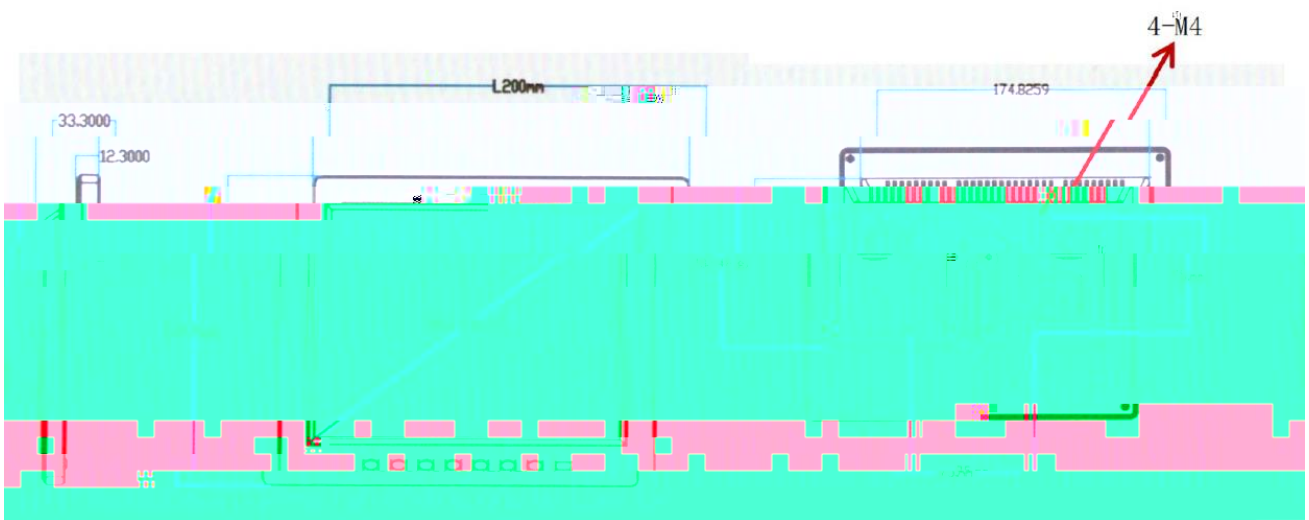
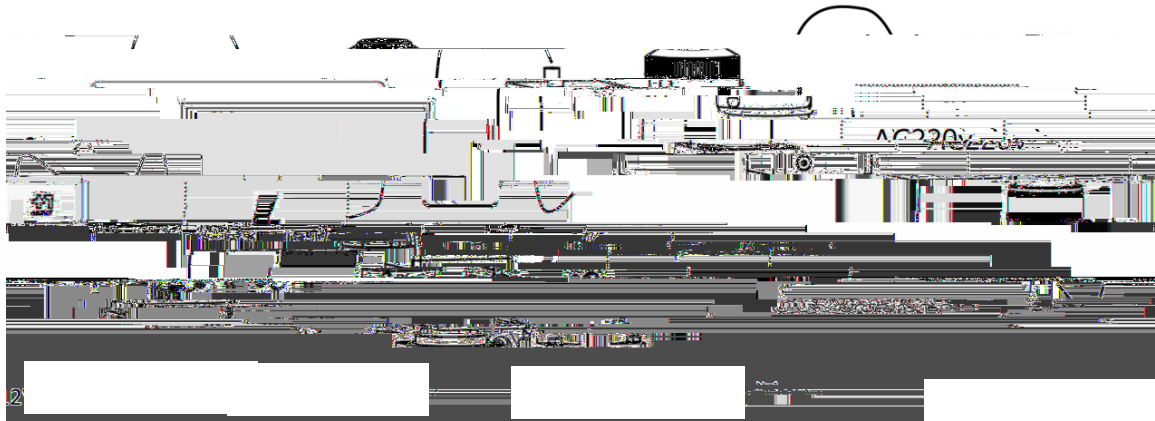


## 1.5 Connection of Cooling Water



## 1.6 Wiring

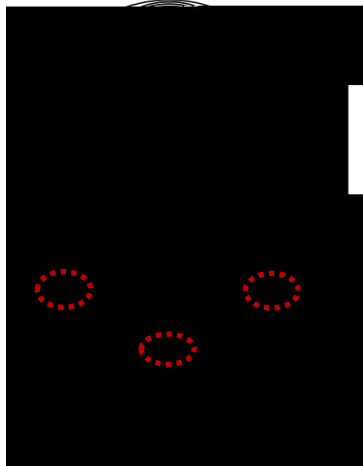
### 1.6.1 Connection of Display and Camera



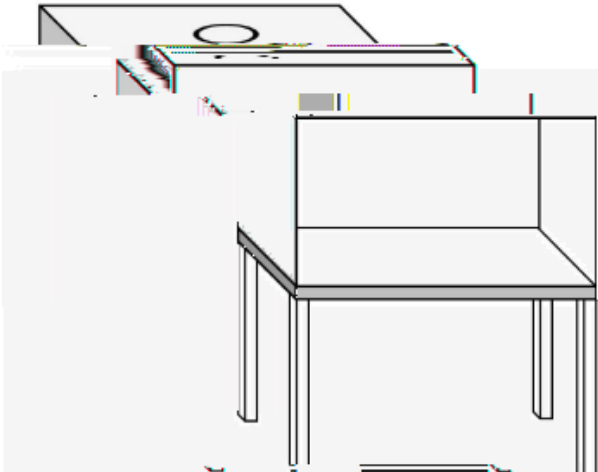


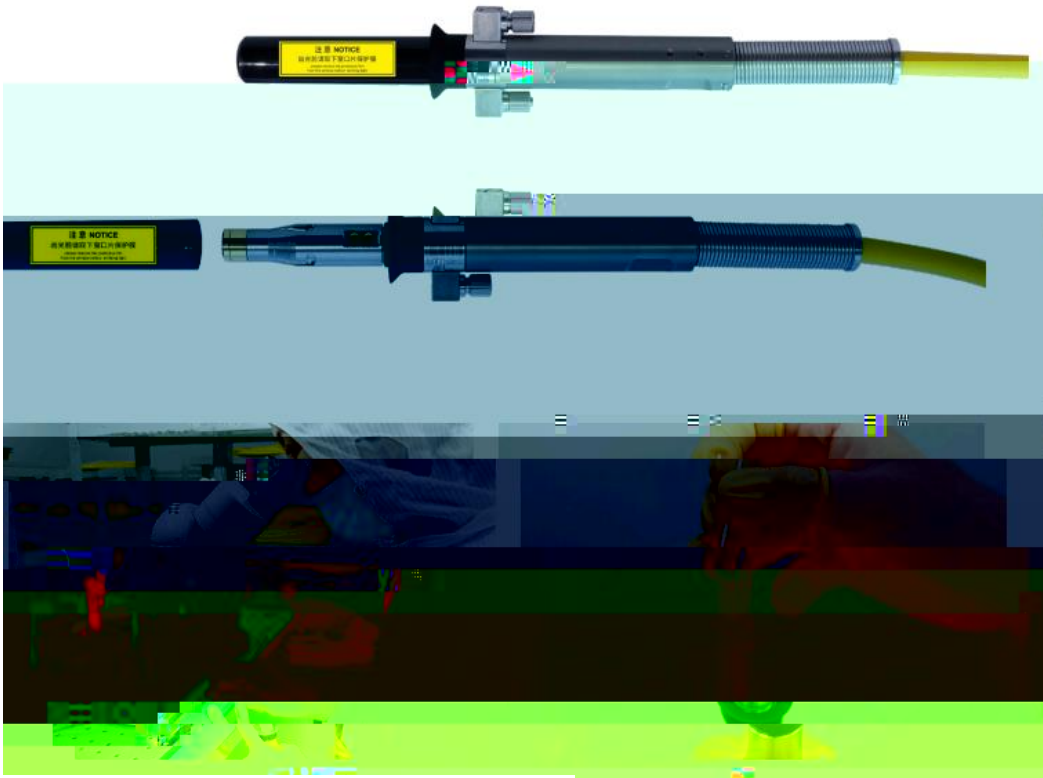


## 1.8 Field Center

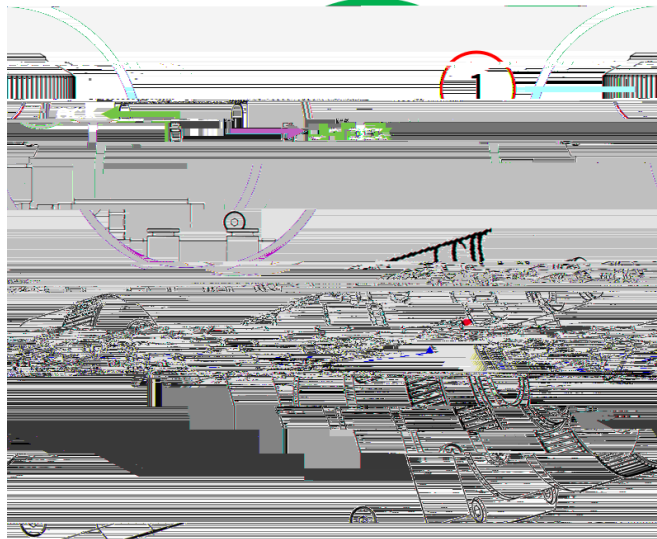


## 2 Mechanical Installation

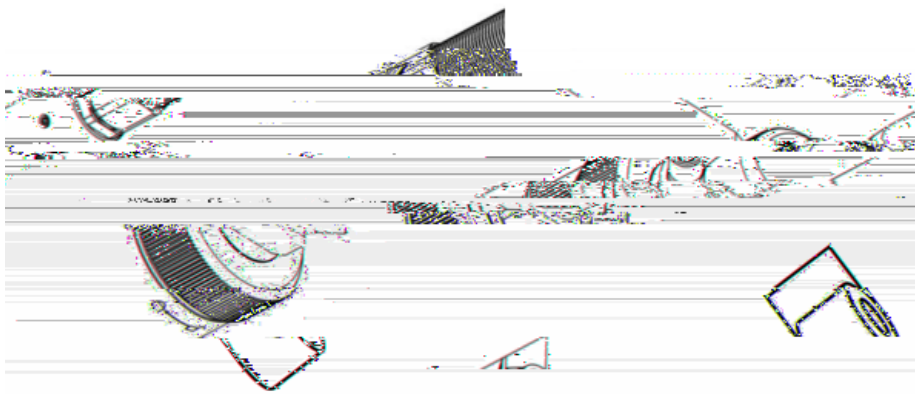




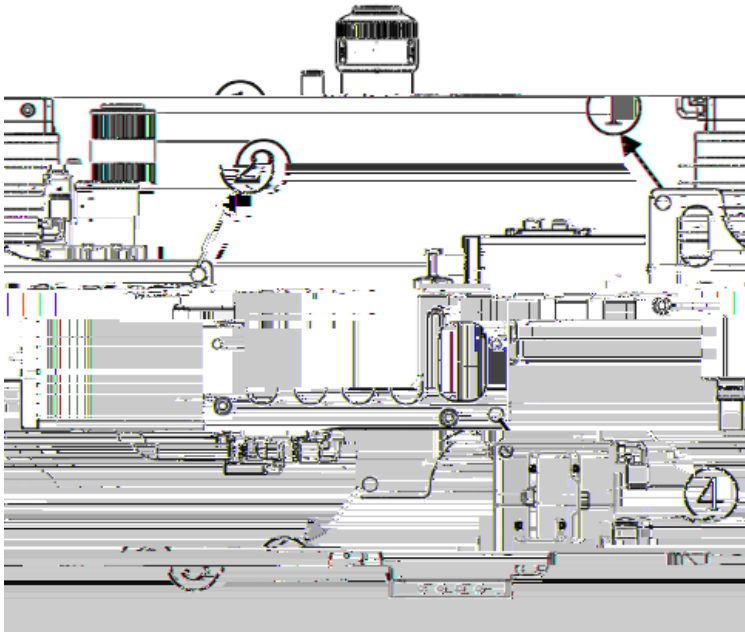
## 2.1 QBH Fiber Insertion



## 2.2 Wrap with Protective Film



## 2.3 Mounting of Laser Welding Head

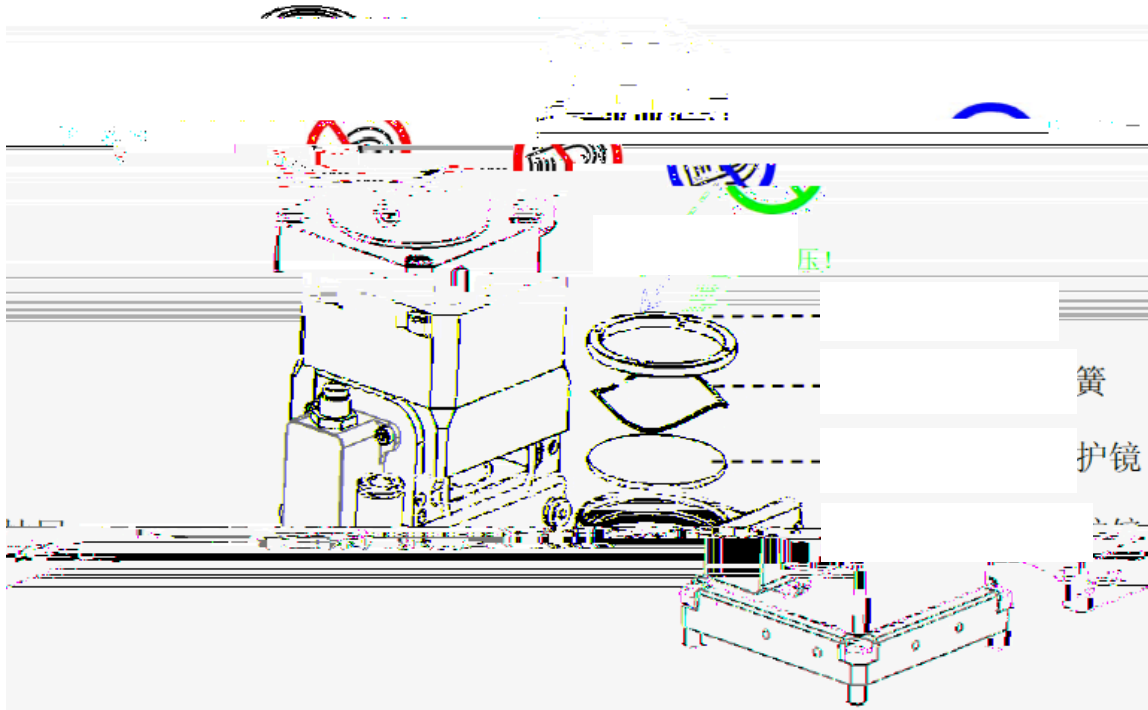




## 3 Maintenance

### 3.1 Removal and Installation of Lenses

### 3.2 Removal and Installation of Top Cover Glass/Protection Glass

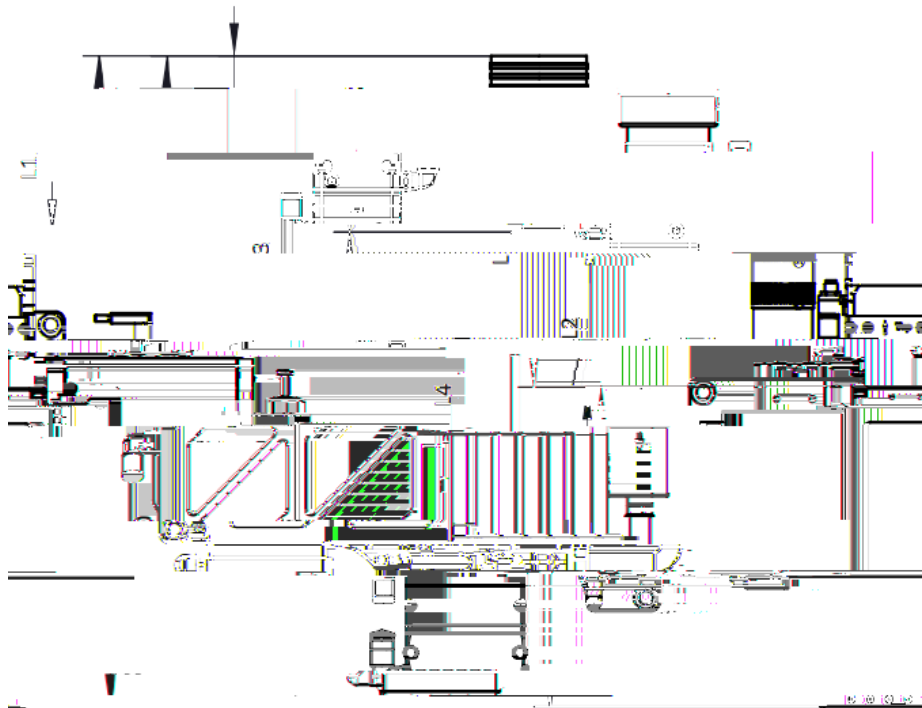


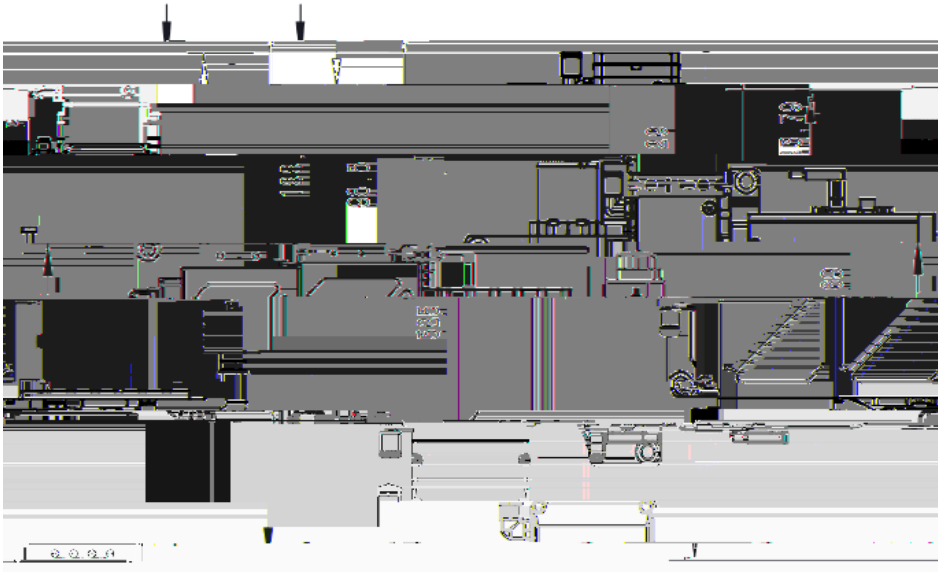
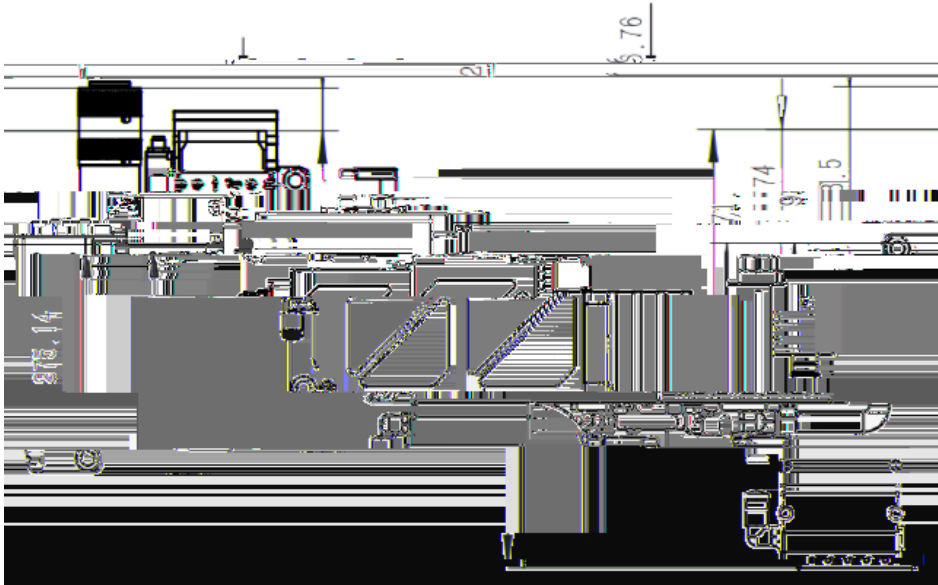
## 3.2.1 Removal and Installation of Bottom Cover Glass/Protection Glass









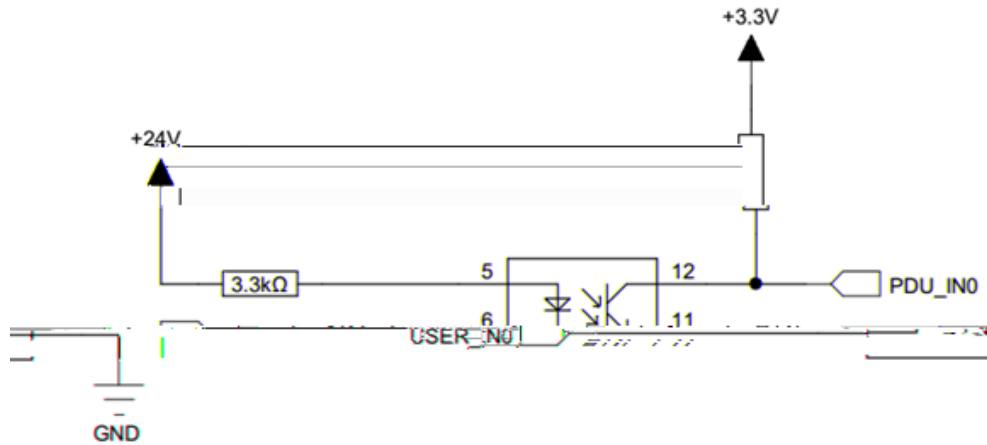
## 4.2 Use Guide of Control Card and Welding System

DB25 female interface (J3) definition:

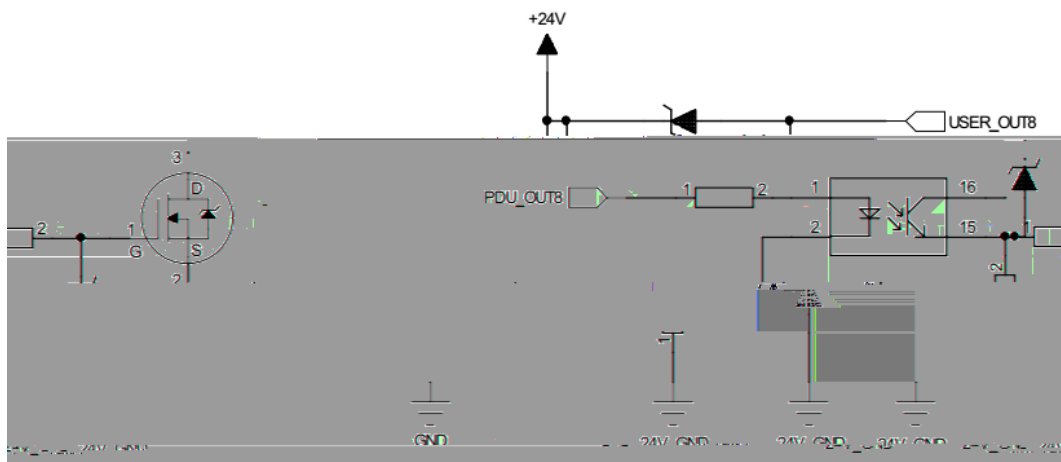





## General I/O Input Circuit Diagram

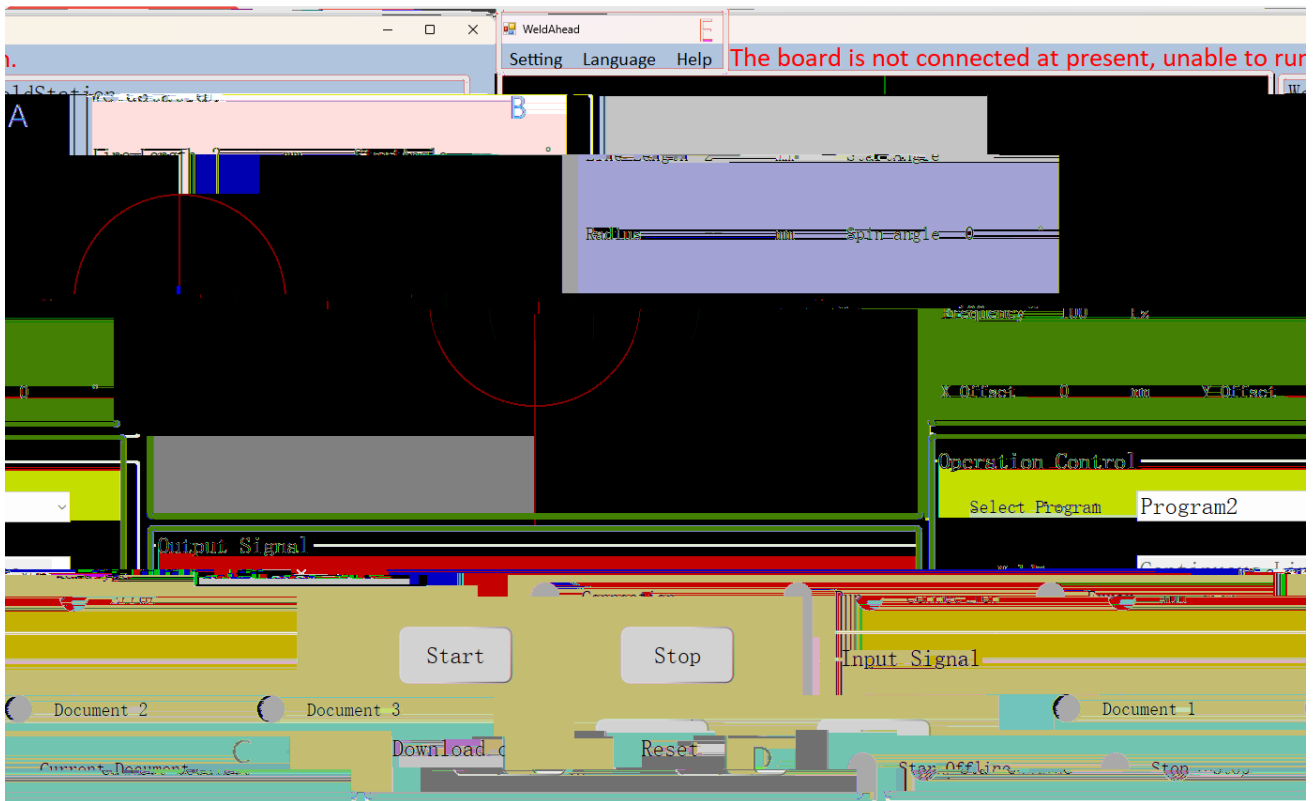


## 00-07 outputs 500mA





## 4.3.3 Main Interface



- A. Welding Path Preview
- B. Welding Status
- C. System Status
- D. Operation Control

Note: The downloaded paths will overlap the early downloaded and current paths. Ensure all set paths correct prior to download. The download may take some time and please keep patient.

Note: further operation is prohibited before the alarm is cleared by reset.

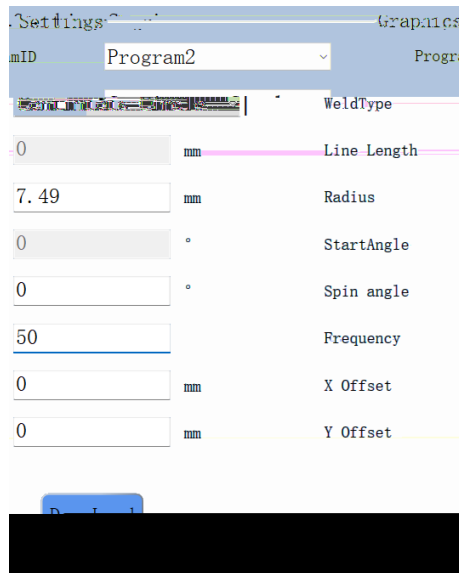
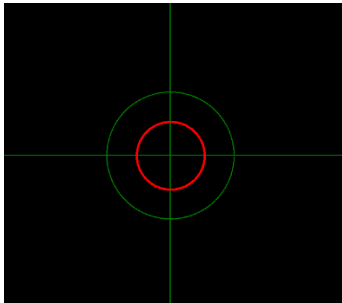
- E. Menu

## 4.3.4 Parameter Setting Interface

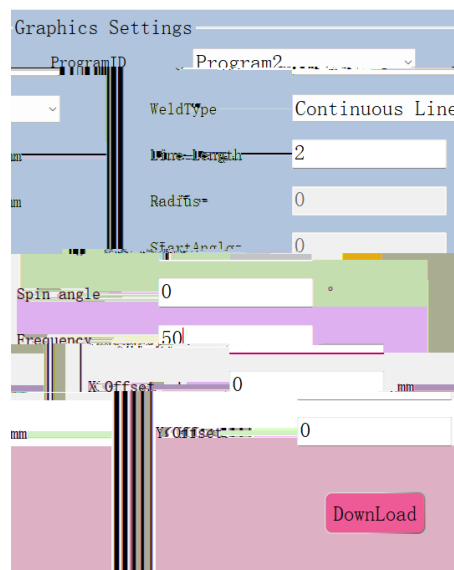
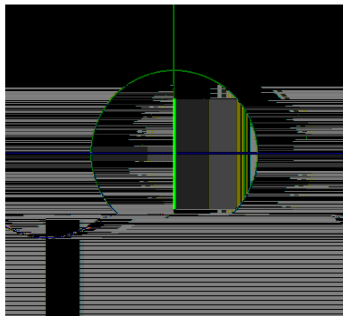
### A. Center Adjustment

## 4.3.5 Welding Type and Parameter Setting

### 1. Continuous Circle



### 2. Continuous Line

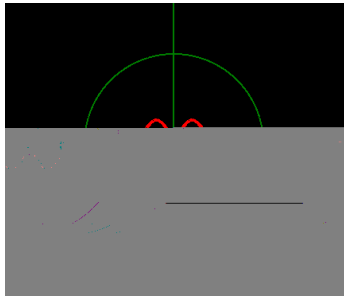




5. Continuous Square

6. Ellipse

## 7.8 Shape



### 4.3.6 Internal and External Control Mode

Internal Control