Document History

Edit date	Version	Topic, revision, action taken

Disclaimer

Use Regulations

Personnel Responsibilities

Safety Instructions

Prevent Electric Shock

Guard against Danger

Laser Caution

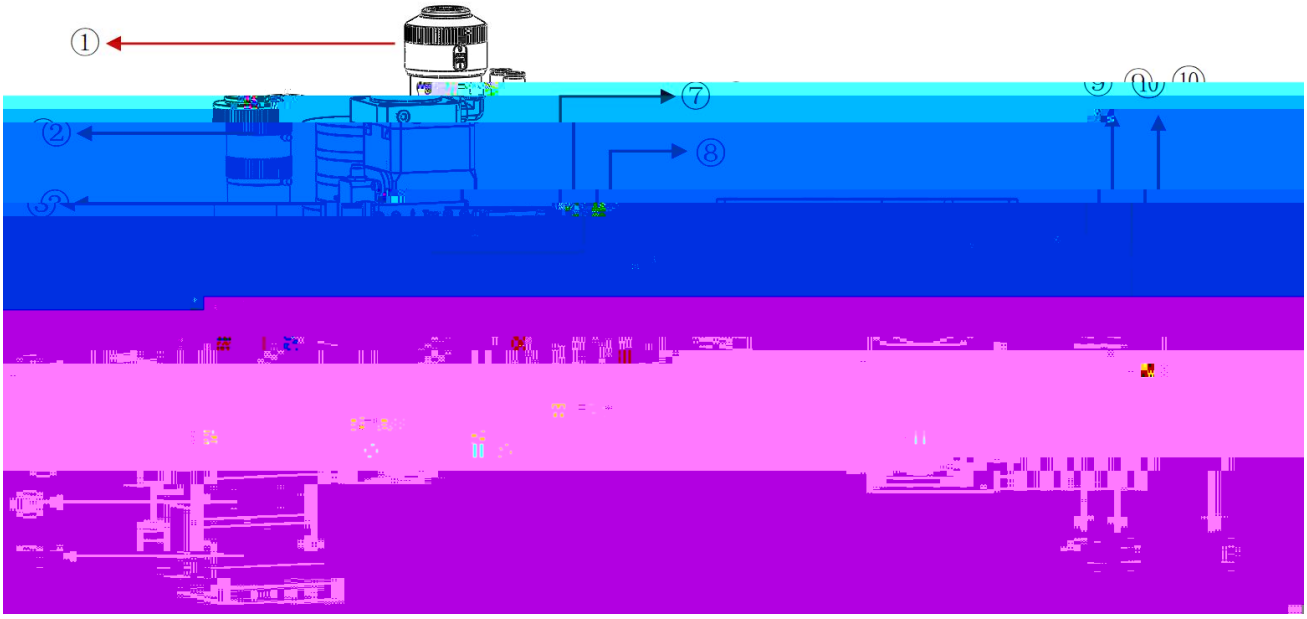
Prevent Waterway Corrosion

Noise Prevention

Storage and Transportation

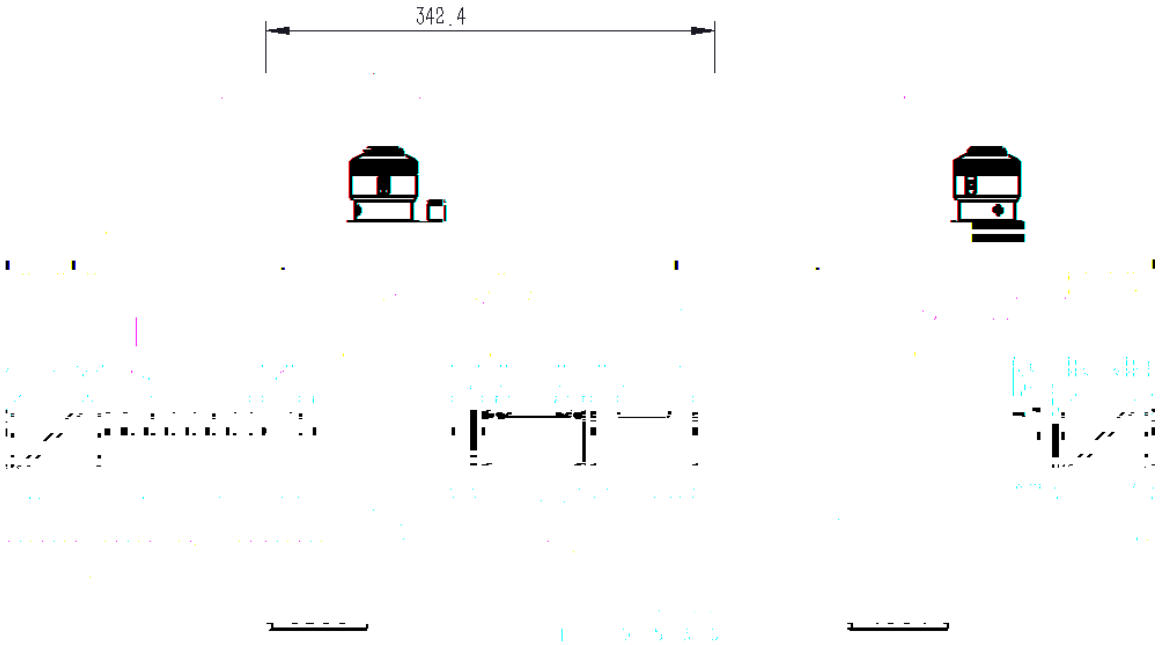
1 Product Summary

1.1 Structure (with QBH Interface)



1.2 Technical Datasheet

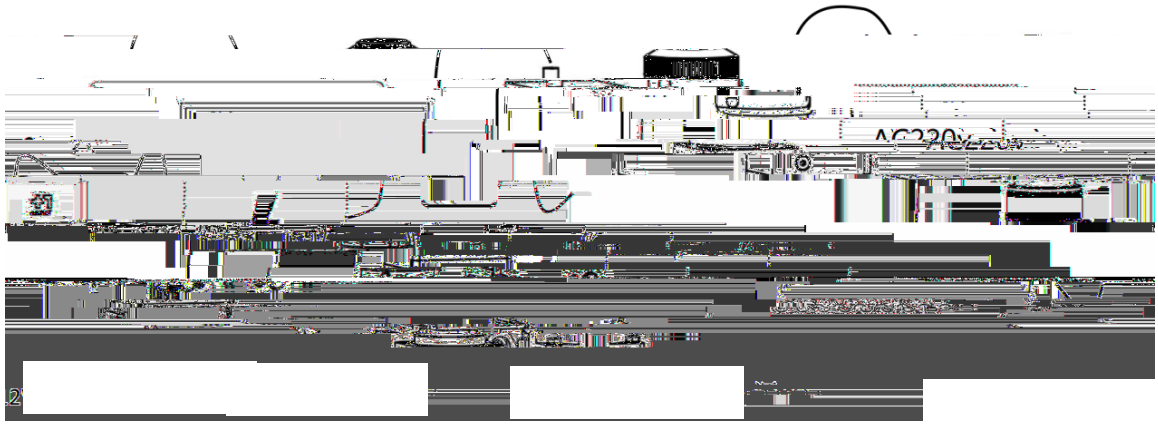
1.3 Mechanical Size

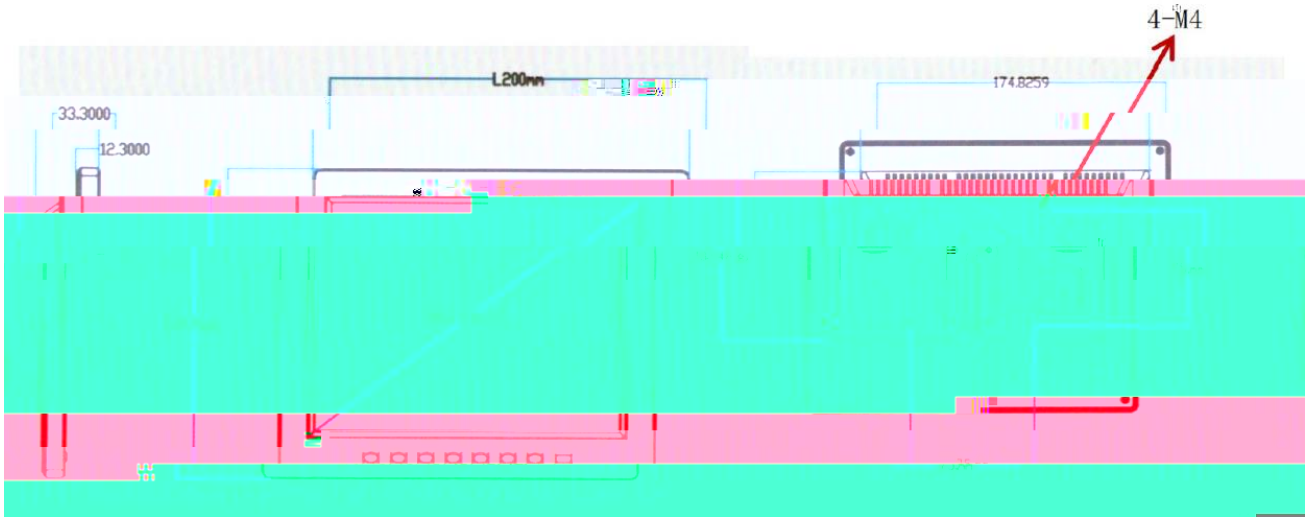


1.5 Connection of Cooling Water

1.6 Wiring

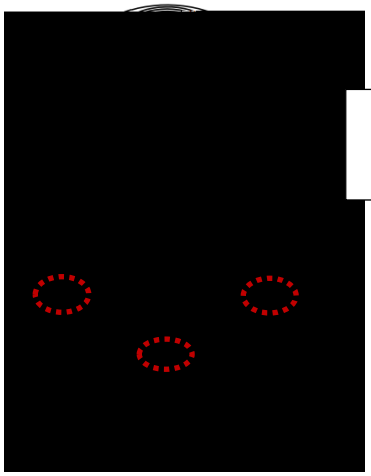
1.6.1 Connection of Display and Camera

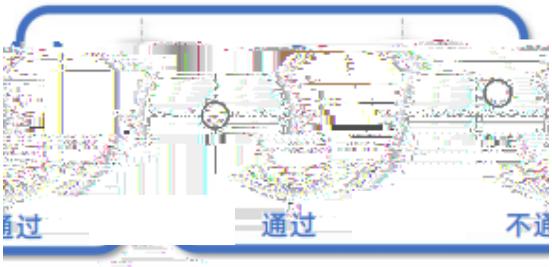




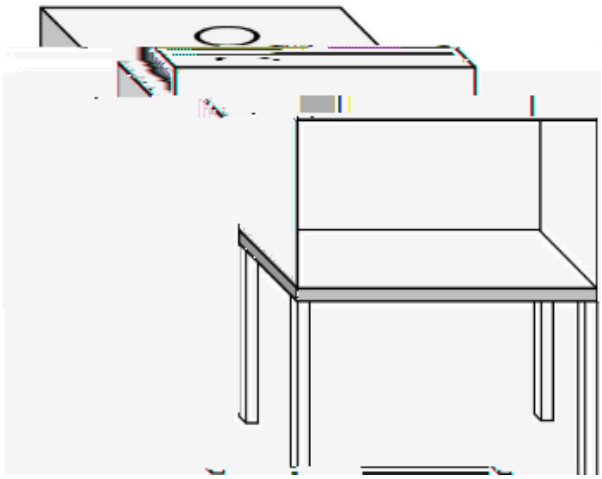
1.6.2 DB15 Interface

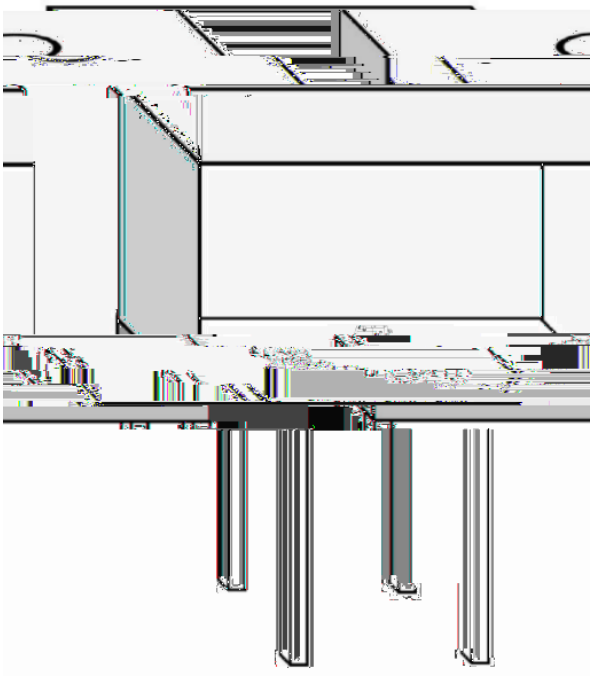
1.8 Field Center



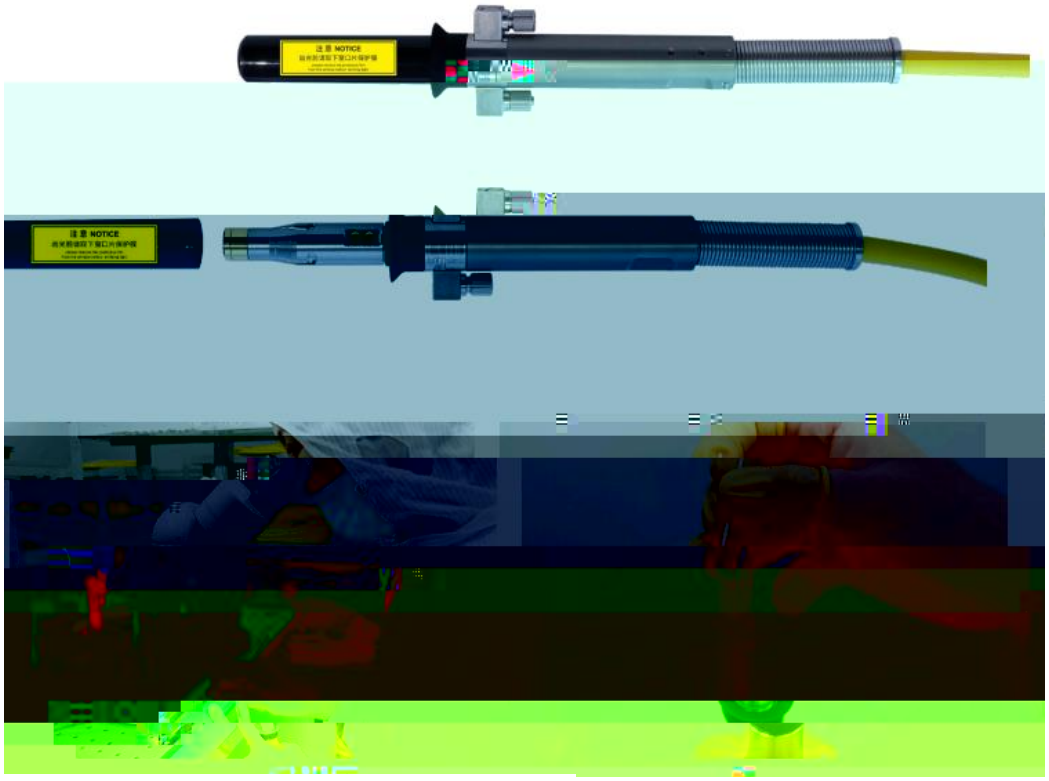


2 Mechanical Installation

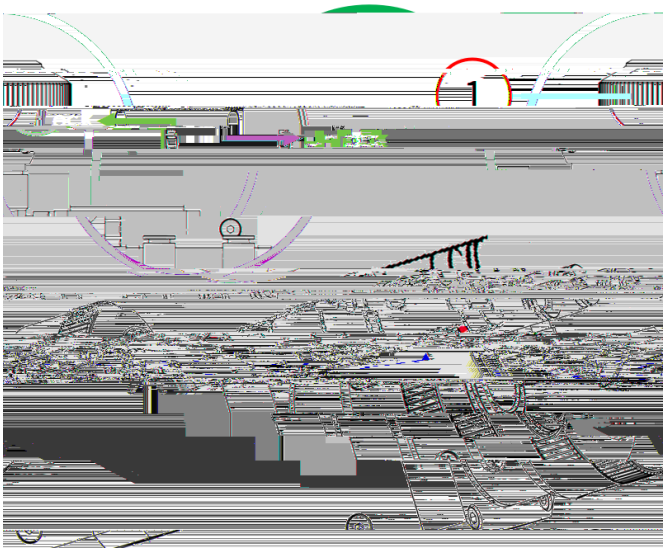




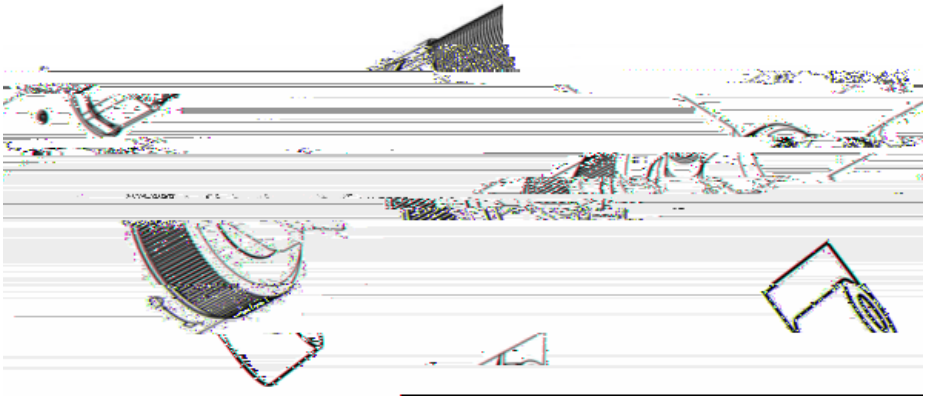
A
B



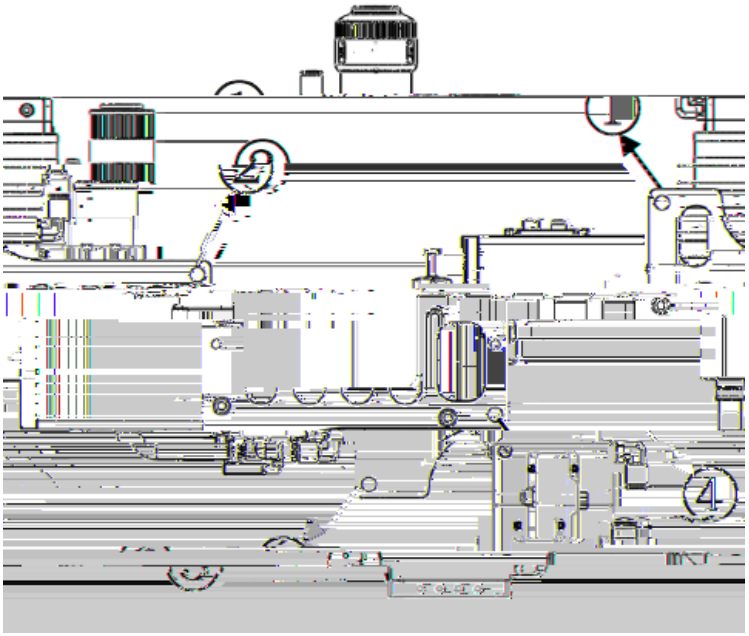
2.1 QBH Fiber Insertion

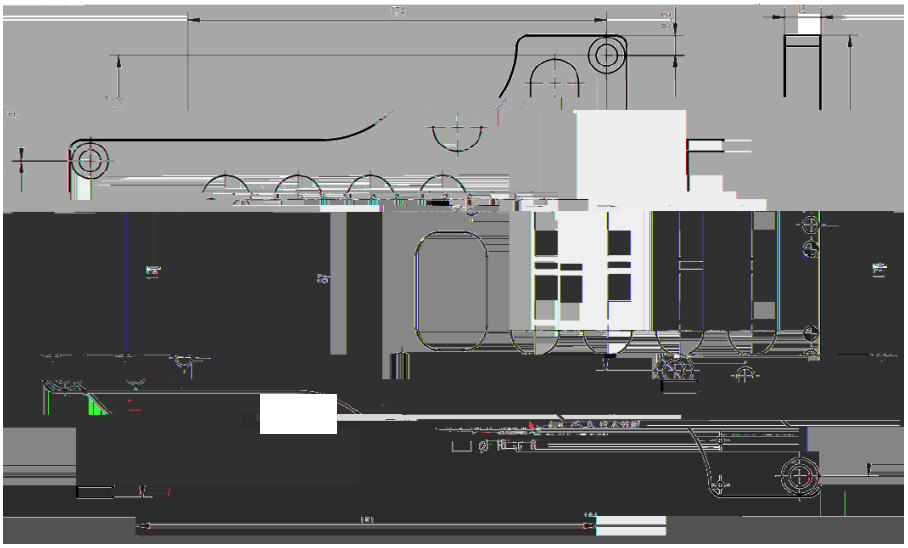


2.2 Wrap with Protective Film



2.3 Mounting of Laser Welding Head

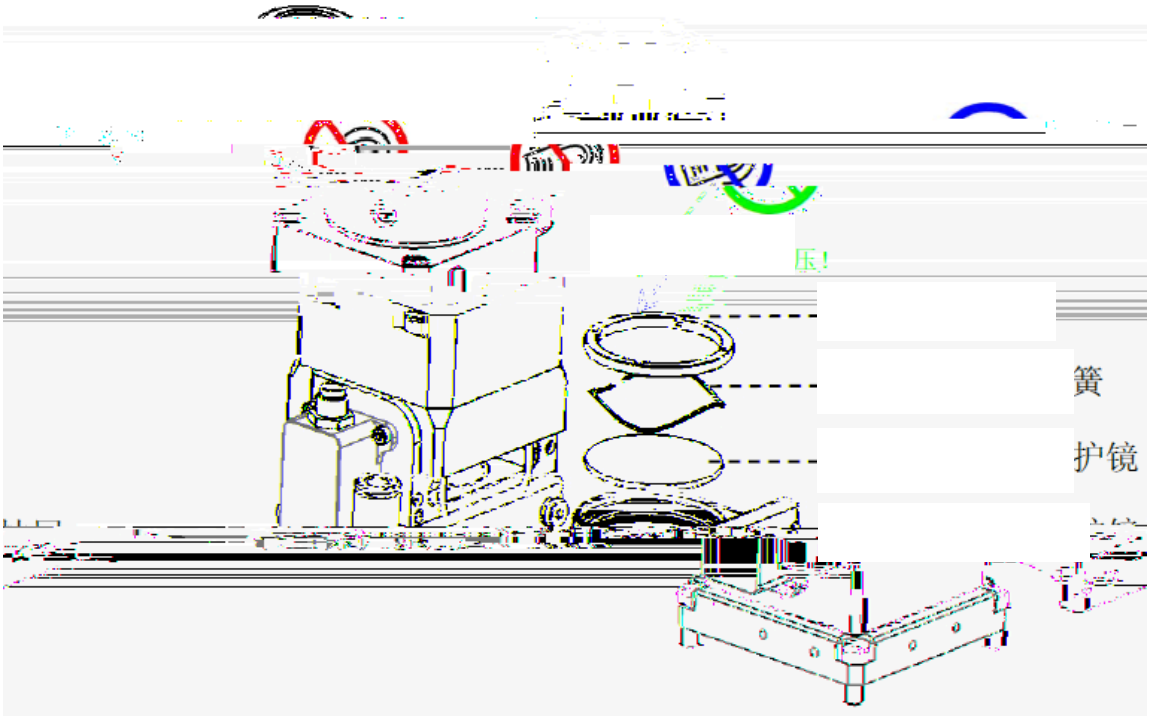




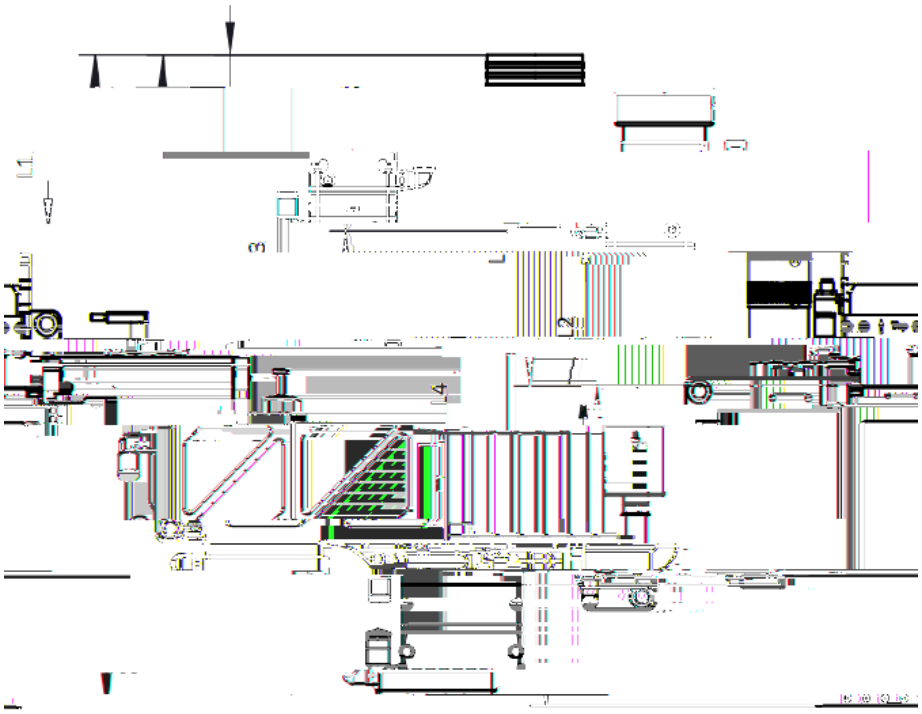
3 Maintenance

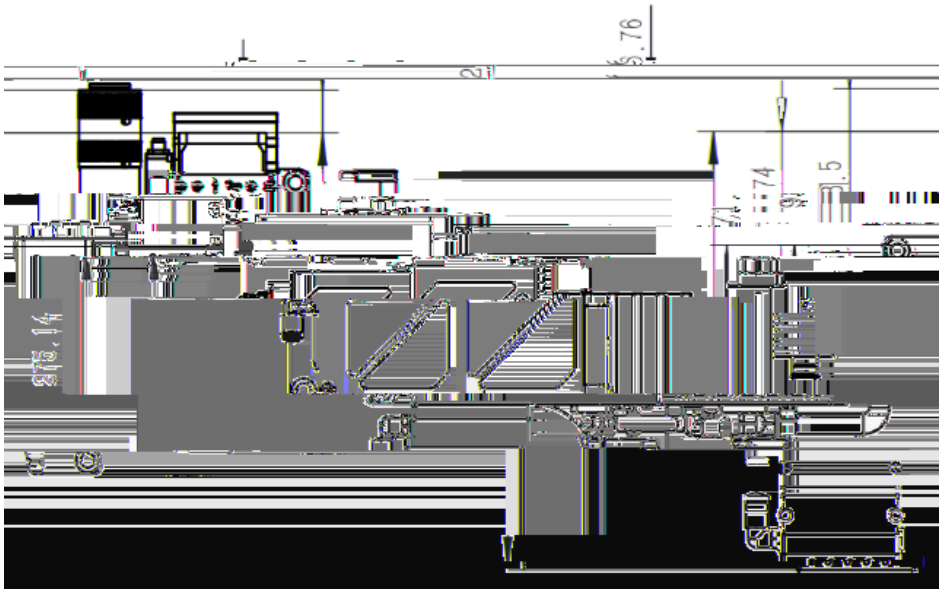
3.1 Removal and Installation of Lenses

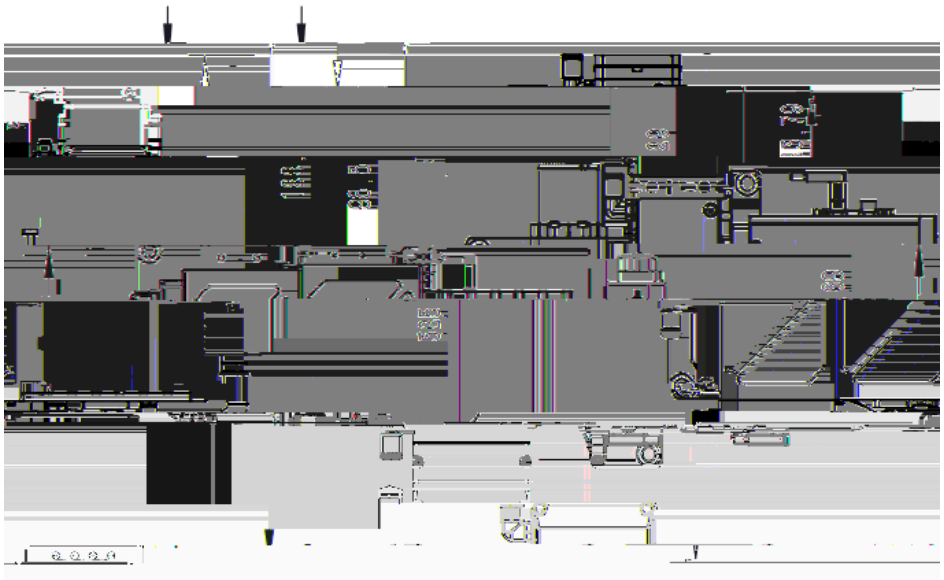
3.2 Removal and Installation of Top Cover Glass/Protection Glass



3.2.1 Removal and Installation of Bottom Cover Glass/Protection Glass

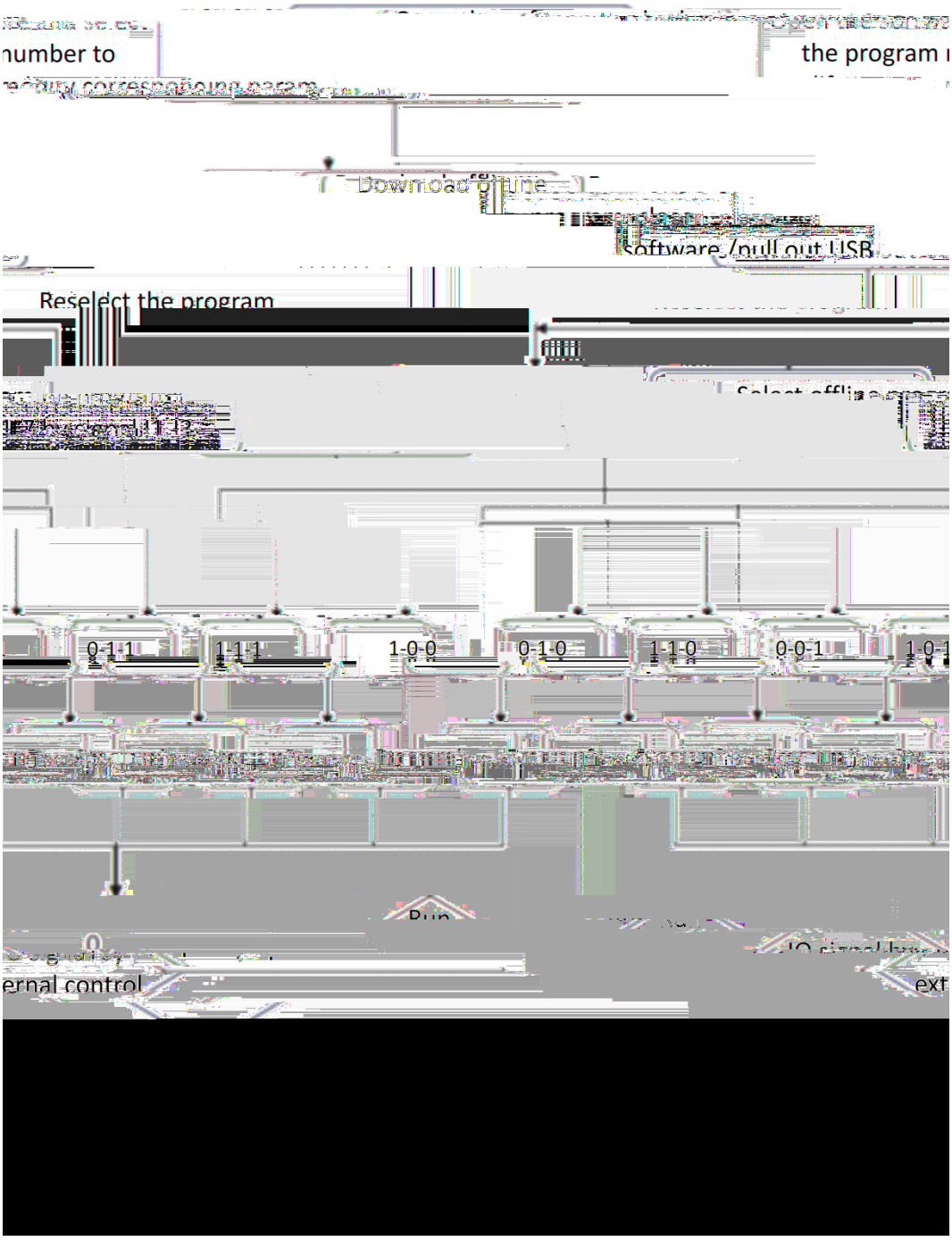




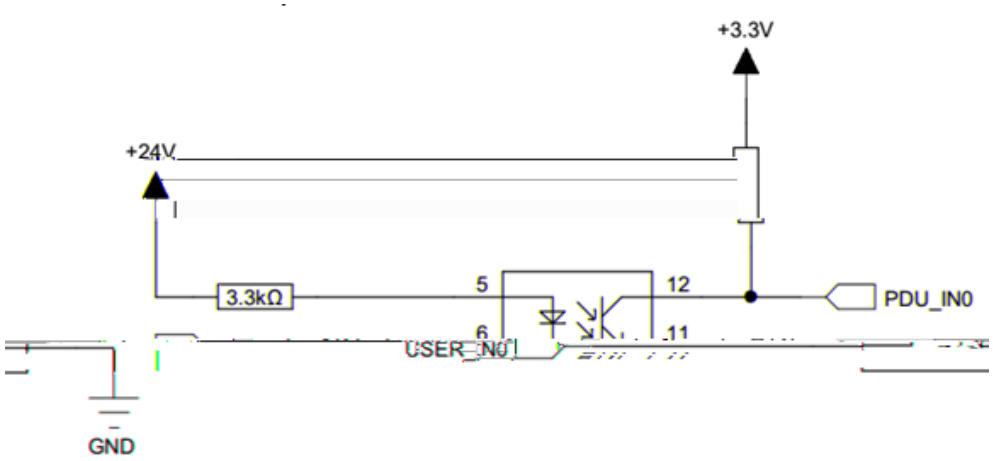


4.2 Use Guide of Control Card and Welding System

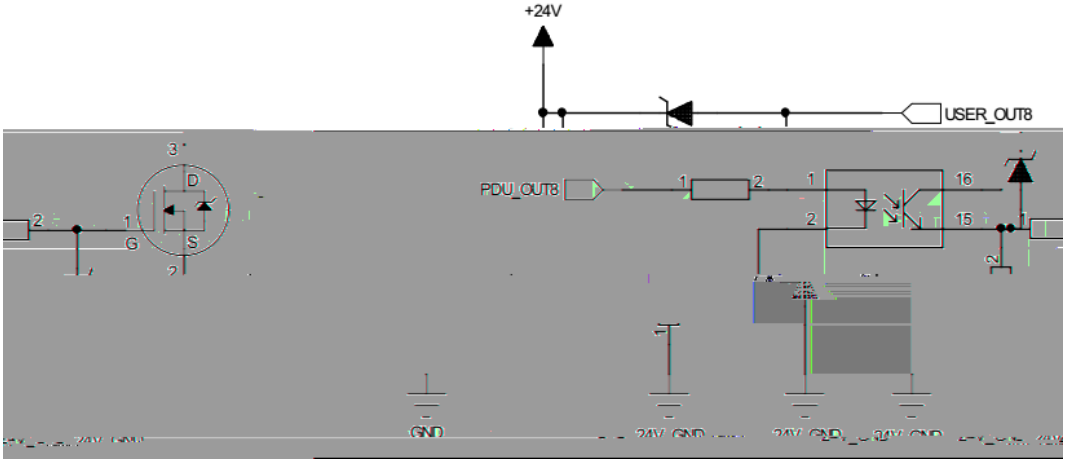
DB25 female interface (J3) definition:


number to
the program
Download offline
software /pull out USB
Reselect the program
0-1-1
1-1-1
1-0-0
0-1-0
1-1-0
0-0-1
Run
ernal control
ext

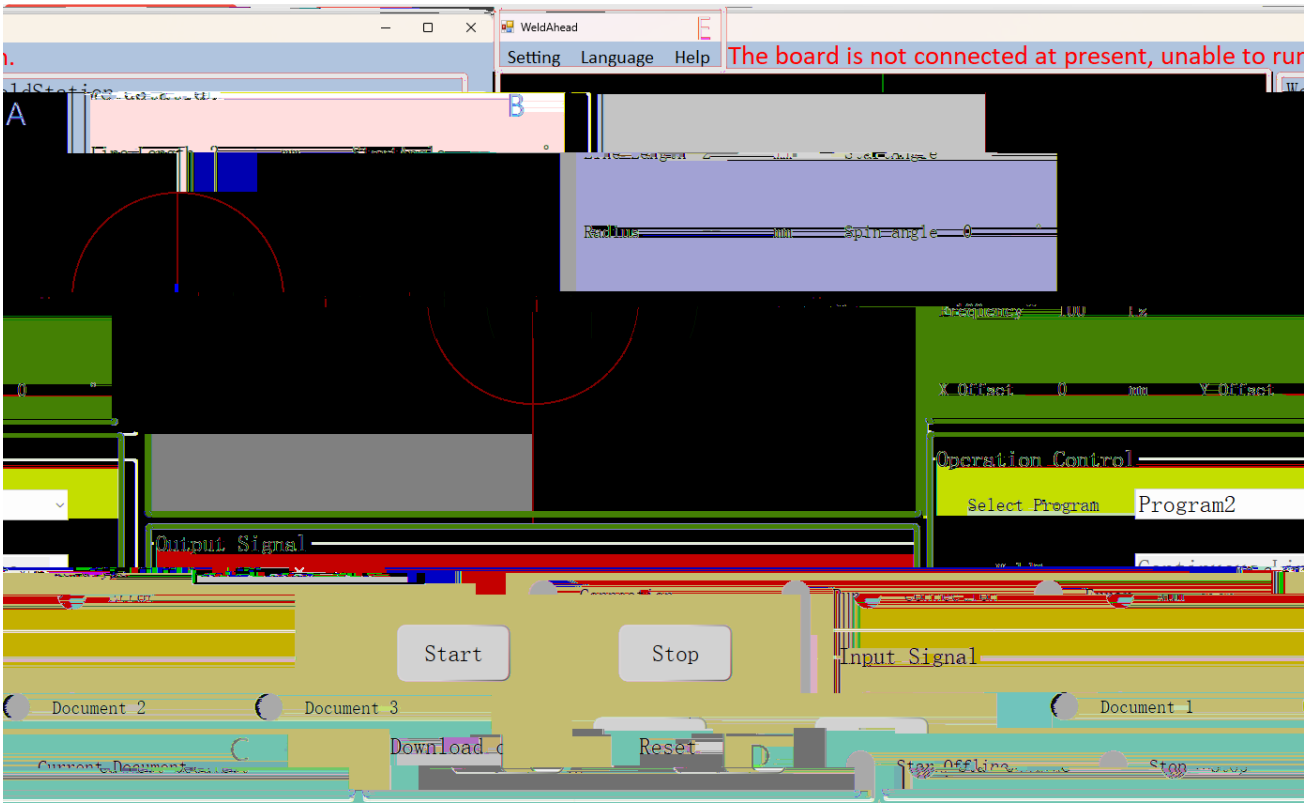
General I/O Input Circuit Diagram



O0-O7 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.

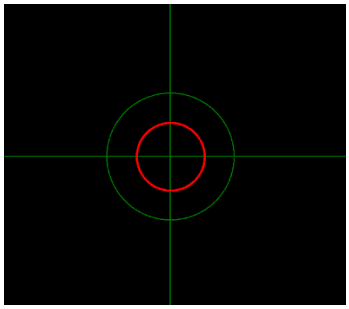
E. Menu

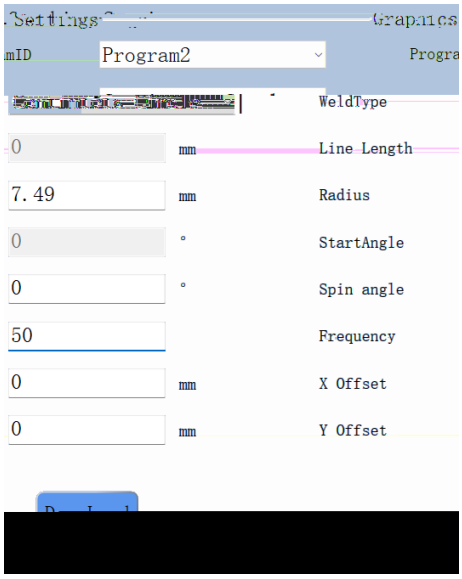
4.3.4 Parameter Setting Interface

A. Center Adjustment

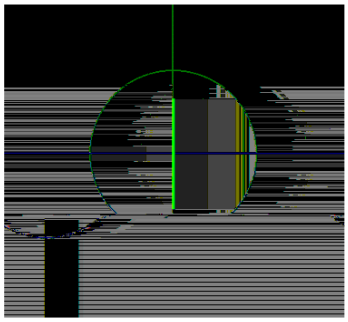
4.3.5 Welding Type and Parameter Setting

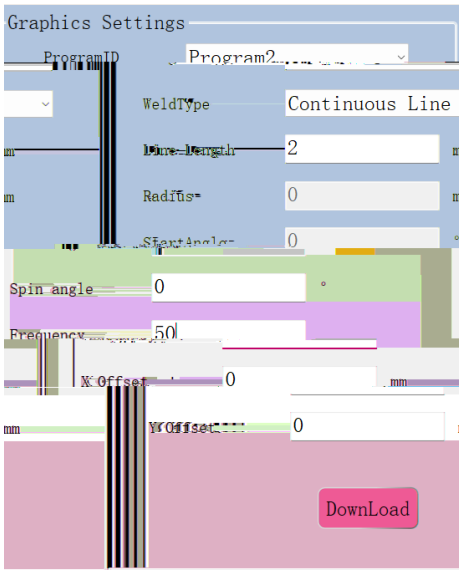
1. Continuous Circle





2. Continuous Line

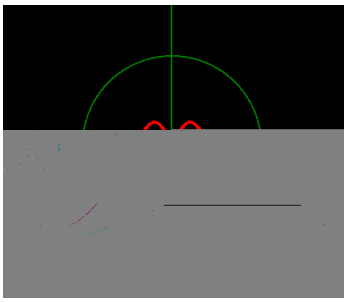




5. Continuous Square

6. Ellipse

7. 8 Shape



4.3.6 Internal and External Control Mode

Internal Control