



ROBOT MAINTENANCE GUIDANCE

WARNING !

1. Before maintenance, please ensure that the robot has completely stopped running and there is no interference within the movement range of the robot that may cause danger.
2. During the maintenance, except for the maintenance personnel, no one shall enter the working range of the robot.
3. In order to ensure the safety of the maintenance personnel, please take personal protection measures and wear a helmet during the maintenance.
4. Before performing each step of the operation, please carefully check the robot for safety hazards such as tipping, swinging joints, etc.

PART 1. DAILY INSPECTION

1. After the robot stops working, check whether the robot returns to the zero point position and whether all joints of the robot move normally.
2. Clean the dust on the surface of the equipment after normal shutdown.
3. Check whether the positive and negative cables of the power supply are loose. If so, tighten them with a wrench.
4. Check whether the wire feeding wheel of the wire feeding machine is clean. If not clean, please clean it up.
5. Check whether the connection of external wire feeding pipe is loose.
6. Check whether the conductive nozzle is seriously worn or not. If so, please replace it in time.
7. Check whether the connection lines of the equipment are safe and protected.
8. Ensure that the surrounding environment of the equipment meets the operation requirements of the equipment (no rain, no corrosive gas, non-high temperature environment)

PART 2. MONTHLY INSPECTION

1. During regular inspection, stop the operation and cut off the power supply.



2. Check whether the voltage of power supply is within the allowed range.
3. Clean the dust on the drive and control board.
4. Inspect the insulation of the cable. If there is any damage, stop using it and replace it immediately.
5. If any connector parts are loose, tighten them before use.
- 6, the control line and electrical components, if there is damage and affect the normal operation or become trouble in the future, must be repaired.
7. Check whether the copper column of the conductive device is in good contact with the working table and whether the spring is effective.
8. Check whether the wire feeding is smooth. If not, check the internal wire feeding pipe and the external wire feeding pipe.

PART 3. REDUCER AND MOTOR MAINTENANCE

1. Due to the special grease (Moly White RE00) added in the reducer, it is generally not necessary to refueling, just check the joint shaft for oil leakage.
The grease needs to be replaced every three years.
2. The motor belt generally needs to be replaced once every 3 years

PART 4. WARRANTY

- (1). Robot body include electric parts are guaranteed for 1 year period
 - (2). Teach pendent is guaranteed for 3 months but the screen has no warranty
 - (3). Power source is guaranteed for 1 year (Without Wearing parts)
 - (4). Other Wearing parts are not covered by the warranty
- Any damage caused by improper operation or human causes is not covered by the warranty.