Frequent Asked Questions

| Ouestions |  | Case | Inspection Itetod |  |
| :---: | :---: | :---: | :---: | :---: |
| $\underbrace{\substack{\text { couctiont }}}_{\text {Laed poer }}$ | The laser was very strong at the beginning but gradually becomes weaker/the light becomes weaker, resulting in the inability to fuse the wire. |  |  |  |
|  | If the protective mirror is damaged within a short period of time, burning spots will appear, and the shiny surface of the protective mirror will be damaged like spots, appearing black or white spot. |  | Viem rocective emess |  |
| Dismaly alamo en | $\begin{gathered} \text { After the key switch } \\ \text { is turned on, there } \\ \text { is always an alarm } \\ \text { on the screen. } \end{gathered}$ | $\begin{aligned} & \text { The control box circuit } \\ & \text { is loose or the } 15 \mathrm{~V} \\ & \text { power supply is damaged. } \end{aligned}$ |  |  |
| Laser alarn | $\begin{aligned} & \text { During the welding } \\ & \text { process, the laser } \\ & \text { source alerted. } \end{aligned}$ |  |  | - |
| Pericesearen puexer |  |  |  |  |
| Criller alern | $\begin{gathered} \text { When turned on for } \\ \text { the first time, } \\ \text { traffic alarm } \end{gathered}$ |  | Closk rater leeal |  |
|  | ines, oereatiting |  |  |  |
| (tan filinin of |  | $\begin{aligned} & \text { 1.Cass } \\ & \text { 2. Abnormality inside } \\ & \text { the wire feeder } \end{aligned}$ |  |  |
| Does not eitit laser |  | Staty dition orverseer |  | 1. Short-circuit the safety lock pin of the control motherboard, and open the screen monitoring page to observe (if it is normal, it is a safety clip problem, or the wiring is loose. The Pro version machine may have an isolation board failure) 2. After short circuit, the laser switch on the detection page is not enabled and the green light is not turned on. It's a button failure |
|  |  |  |  |  |
| Leer interiteet |  |  |  |  |
| thae but no | In the welding state, after the trigger is pulled, the gas is released (wire feeder working), the red light is normally visible, and the protective gas is blown out, but there is no laser. | 1. Laser source alarm 2. Abnormal light signal from laser source |  |  <br> (2Enter the laser (3)easure the volt $\qquad$ |
|  | Under normal circumstances, the point should become a dotted line. If the motor does not swing, it will always be a point shape. |  |  <br>  | 1. The power supply of the swing motor is 15 V power supply. power supply is normal. 2. Check the control box part and measure whether the voltage of 2. Check the control box part and measure whether the v each port is normal. The power must be unplugged during 3. Reinstall the aviation plug position of the motor cable |
| Wire feeder cannot feed wire automatically | During welding, only light is emitted without wire feeding. |  |  | 1. Short-circuit the signal interface of the wire feeder mainboard to check whether the wire feeder roller is running. If it does not, it means there is a problem with the wire feeder. 2. Short-circuit the signal plug at the machine end. If the wire feeder moves, it means there is no problem with the signal line. If there is no movement, it means there is a problem with the signal line. 3. Use a multimeter to test whether the motherboard emits a continuity signal during soldering. If not, the motherboard is damaged. |
|  |  |  |  | 1. Short-circuit the signal interface on the motherboard. If it shows that the safety ground lock i is no problem with the motherboard. <br> 2. Use a multimeter to measure the continuity of the ground clamp. 3. Ope 3. Open the det during welding. |
|  |  | $\begin{gathered} \text { The focusing lens is } \\ \text { damaged, or there is a } \\ \text { problem with the QBH or } \\ \text { optical fiber. } \end{gathered}$ |  |  <br>  |
| Laser tenemature |  |  |  |  |
| Criller samer |  |  |  |  |
| Altain viding |  |  |  | 1. Use nitrogen 2. Gas flow rate is about $20 \mathrm{~L} / \pi i n$ 3. The laser width matches the welding wire. It is recommended that the width be $0.4 \pi \pi$ larger than the welding wire. |
|  | Min veding sursee |  |  |  |
|  | con |  |  | A ${ }^{\text {a }}$ |
|  |  |  |  |  |
| cemaer bead | The handheld laser head tempreture increase after a short time use | 1. Wobble motor losen 2. Laser Beam shape change 3. Out of Gas |  |  |

