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Fault Types and Solutions for Glove Counting Machines

Nitrile glove counting machines are responsible for the functions of glove picking, stacking, and counting in the production line. The main electronic components include PLCs, touch screens, servo motors, and photoelectric sensors. Below, Fengwang summarizes common fault types and solutions for counting machines.

1. Inaccurate Counting:

The numbers on the touch screen do not match the actual glove count, which may be caused by decreased sensor sensitivity, wear and tear of mechanical parts, or software algorithm errors.

Solution:

Operators can attempt to adjust the sensor sensitivity, replace worn mechanical parts, or update the software algorithm to resolve the issue.

2. Machine Stalling or Shutdown:

Possible causes include excessive dust accumulation inside the equipment, motor failure, or unstable power supply.

Solution:

First, check if the power supply is stable, then clean dust and debris from inside the equipment, and inspect whether key components such as the motor are damaged.

3. Display Screen Malfunction:

The display screen may experience issues such as black screen, distorted display, or unclear images, often related to the quality of the display itself or connection wiring.

Solution:

Try reconnecting the display wiring or replacing the screen. If the problem persists, it is recommended to contact professional maintenance personnel for inspection.

Daily Maintenance Plan for Counting Machines

1. Regular Maintenance:

Perform periodic cleaning and upkeep.

2. Operational Standards:

Operators must undergo professional training and follow the correct procedures to operate the equipment; otherwise, machine damage or performance degradation may occur.

3. Environmental Conditions:

Excessive temperature (too high or too low) or high humidity in the machine's operating environment may adversely affect its performance.

Fengwang has extensive experience in the manufacturing of glove production lines and can provide complete machine production solutions for glove production lines. Proper troubleshooting and maintenance methods for glove counting machines not only ensure production efficiency for enterprises but also extend the machine's service life. Feel free to contact us with any questions about glove-making machines.