

Troubleshooting for MXD-01 Coefficient Friction Tester

1 Phenomenon: No display when turn on the power. (LCD no backlight and micro-printer indicator is off)

Cause:

- 1.1 Power line connects incorrectly.
- 1.2 Power off.
- 1.3 Fuse is damaged.
- 1.4 System power trouble.

Solution:

- 1.1 Make sure the power line connect correctly.
- 1.2 Turn on the power.
- 1.3 Change one 3A safe fuse.
- 1.4 Contact us.

2 Phenomenon: Can display but no backlight.

Cause:

- 1.1 LCD or system components damaged.

Solution:

- 1.1 Contact us.

3 Phenomenon: No display or LCD comparison is too deep.

Cause:

- 3.1 Interference.
- 3.2 Backlight volt is not suitable. (Low temperature with low backlight volt, high with high volt)
- 3.3 System component damaged.

Solution:

- 3.1 To solve the interference especially the power interference.
- 3.2 Adjust backlight volt potentiometer.
- 3.3 Change one 3A safe fuse.
- 3.4 Contact us.

4 Phenomenon: No response while pressing the keys.

Cause:

- 4.1 Interference.
- 4.2 System component damaged.

Solution:

- 4.1 Make sure the system access earth (ground) reliably.
- 4.2 Contact us.

5 Phenomenon: No force display while testing.

Cause:

- 5.1 Calibration data is damaged.

5.2 Load cell is damaged.

5.3 System trouble.

Solution:

5.1 Calibrate according to the procedure of user manual.

5.2 Change one new load cell.

5.3 Contact us.

6 Phenomenon: Micro-printer cannot print report.

Cause:

6.1 Test has not finished.

6.2 Test is failure.

6.3 Micro-printer is turned off.

6.4 Micro-printer cannot feed paper automatically.

6.5 Micro-printer is damaged.

Solution:

6.1 Continue to test until test finish.

6.2 Redo the test.

6.3 Turn the micro-printer on.

6.4 Fix the micro-printer.

6.5 Contact us.

7 Phenomenon: Micro-printer print mess.

Cause:

7.1 Micro-printer error.

7.2 System program is damaged.

Solution:

7.1 Change one new micro-printer.

7.2 Contact us.

8 Phenomenon: Cannot communicate with computer. (At the same time with printing)

Cause:

8.1 Test has not finished.

8.2 Communication cable connects incorrectly.

8.3 Computer operating system is damaged.

8.4 Communication module is damaged of mainframe.

Solution:

8.1 Continue to test until test finish.

8.2 Make sure the communication cable connect correctly.

8.3 Fix the computer operating system.

8.4 Contact us.