

Display grating motor trouble	<ol style="list-style-type: none"> 1. The connect wire between the monochromatic light source and the main board is loose 2. The motor drive chip 3977 is false jointed or broken 3. Connection between the Hall switch and the main board is loose or broken 4. Parameter of monochromatic light source is incorrect 5. Check +13.6V and +5V of the power supply 	<ol style="list-style-type: none"> 1. Reinstall the connect wire 2. Re-joint or replace the 3977 chip 3. Reinstall connect wire or Hall switch 4. Re-input parameter of monochromatic light source 5. Replace the power supply
"fault for filter wheel"	<ol style="list-style-type: none"> 1. Motor drive chip 2916 is false jointed or broken 2. Other cause ditto grating motor trouble 	<ol style="list-style-type: none"> 1. Replace 2916 chip or re-joint it 2. Other solution as same trouble grating motor
Display blue screen or no words	<ol style="list-style-type: none"> 1. LCD is broken 2. Check the connect wire between the LCD and the main board 3. Connection of 22P socket is loose 4. Display blue screen or no react 	<ol style="list-style-type: none"> 1. Replace the LCD 2. Reinstall connect wire and check whether short or not. 3. Replace the socket 4. Replace the main board

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	after switch on	
Low sucking value or does not suck sample	<ol style="list-style-type: none"> 1. Check +13.6V and +5V of power supply 2. Motor drive chip 3977 is false jointed or broken 3. Sucking pipette or pump pipette is broken 4. The motor is broken 	<ol style="list-style-type: none"> 1. Check supply power part or replace power supply 2. Re-joint or replace the 3977 chip 3. Replace sucking pipette or pump pipette 4. Replace the sucking motor
Display temperature abnormality	<ol style="list-style-type: none"> 1. The chip 4410 is broken 2. Temperature sensor AD590 is broken 3. The connect wire between the temperature sensor and the main board is loose 4. Amplifier AD623 not magnify multiple 	<ol style="list-style-type: none"> 1. Replace the 4410 chip 2. Replace the temperature sensor 3. Reinstall or replace connect wire 4. Replace the AD623 chip
Time can't memorized or adjust	<ol style="list-style-type: none"> 1. Column crystal oscillator 32.768 is broken 2. Chip 8563 is broken or false joint 3. 3V battery don't work or socket of battery false joint 	<ol style="list-style-type: none"> 1. Replace column crystal oscillator 2. Re-joint or replace the 8563 chip 3. Replace battery or re-joint socket of battery