

6.0 Pipetting needle

Pipetting needle attached to a red wall and the other end is welded to the level of the front left corner of sounding board 20P capacitor capacitance where the second general election 30p, as shown picture 1, needle clamp screws should be used, and compression connections, common clap: When the liquid level sensor not found when 1) you can adjust the level detection board DIP adjust its sensitivity, 2) can replace the second group of capacitors range 20P-40P, the more attention capacitance large, dull needle sensor, which may be required magnification (dial number) the greater the number of piping connections generally dial in 8-13 Ideally, rigid tube and needle connected connection with special requirements, detailed see instructions chap.

If no action is required to check its components corresponding motor, control panels, connections, optical coupling;

Symptom: 1) Motion arm crossed the point of origin can not properly reset, or 3 disk indexing stop, indicating a bad optical coupling

(Replace) or dirty (cleaned with 95% alcohol), code disk corresponding optical coupling has two installation method: length of the original position, short

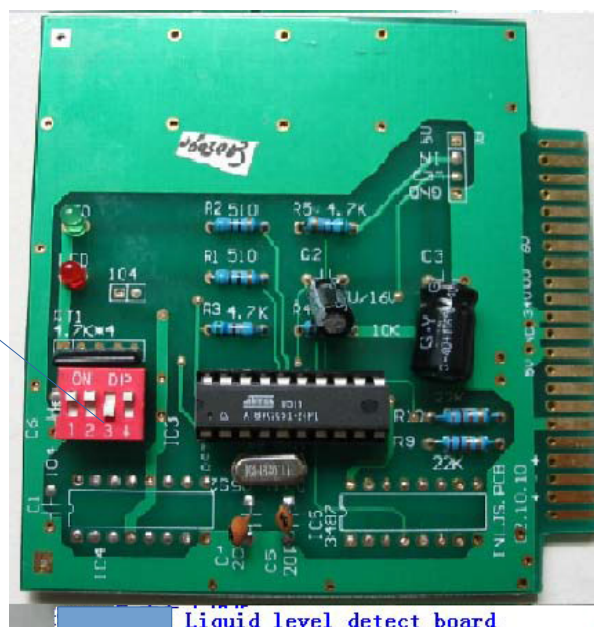
To each cup place. Should regularly blow off the dust on the optical coupling.

Needle clamp screw connection of the first set of the second set of capacitor capacitance



Picture 1

Level sensitive dip switch.



Liquid level detect board