LX6000A

AIR COOLING CONTINUOUS INDUCTION SEALING MACHINE

(*Read this manual carefully before use)

(*Please safekeeping of the instructions)

PRODUCT MANUAL

1. Summary

　　This machine applies to aluminum foil sealing of non-metal bottles of plastic or glass in pharmacy, chemical, food, drink, cosmetic area.

2. Working principle

　　This machine applies the principle of electromagnet induction heating. Through non-contact inductive heating, both the inductive film and aluminum film compound film will be tightly stuck onto the opening of the sealing object(or cup)after instantly thermal melting so as to reach the target of seal.

3. Main technical parameters

1、Input power：AC220V±10%，50/60Hz

2、Input electrical current：＜10A

3、Output electrical current：static state＜2A，dynamic state＜10A

4、Working frequency：75～85KHz

5、Output power：≤1200W

6、Protection degrees：IP21

7、Sealing diameter：$\not C$20mm～$\not C$80mm

8、Height of bottle：20～300mm

9、Sealing speed：0～10M/min（PS：Because of the bottle materiel or the mouth of bottle diameter, sealing speed will be a little different. We use a bottle made by PE , the diameter is $\not C$33mm for test, the speed is 200 bottle per minute. ）

10、Total maximum load weight：≤3Kg

11、Shell：Stainless steels

12、Size：1120X470X590mm

4.Attention:

1、Let machine working on a balanced place，ground connection（**Ground connection can not use three-pin-plug directly, should use another ground wires, for safe）**，then turn on the power switch。

2、Power line and grounding line cross section areas should not less than 1mm^2.When power supply is instability（input voltage over than 240V or less than 200V），you should set an automatic alternate voltage stabilizer, for protecting sealing effort and machine.

3、Please keep machine working in a dry, clean and ventilated place, and keep away from any heating source.**Attention：if machine working in damp or strong acid-base for long time, it will cut the machine life-time.**

4、This machine is suit for sealing plastic, glass, paper, etc , it could not using with metal bottle.

5、Material of induction film should be same as bottle,　the thickness of induction aluminum foil can be 0.015~0.03mm, we advice not using vacuum coating aluminum foil, or it may not sealing well.

6. Operation：

1、Connecting 220V power supplies, turn on power switch, when line voltmeter show input voltage, air cooling start working.

2、According to bottle height and size, adjusting bottle with induction head space distance(small bottle:2~5mm, big bottle:10mm) and width of leading fences.

3、According to bottle diameter, preliminary adjustment for suitable sealing speed. Eg: small bottle, space distance should be short, the speed should be slow. Big bottle, space distance should be wide, the speed should be quick.

4、Turn on the induction switch, set the aluminum induction foil(aluminum foil face to bottle mouth, paper side face to bottle cover).Then tight the bottle cover, put bottle on deliver tape, and test, attention on point 2 and 3. When it over working, check the sealing effort, until the parameter can let your product sealing well.

5、Please note the best parameter for your bottle. After setting, when it is working, you can touch the bottle cover, if it was warm or not, when you could not feel warm, stopping machine and check, find problem, and deal with it. Do not let unsealed bottle mix with sealed bottle.

6、When equipment main circuit be hot, overheating protection function will open, equipment stop working automatic, until temperature reduce to normal, machine will start working again.

7, Packing list：

NO	NAME	MODEL	QUATITY

1	Machine	LX-6000	1
2	Power line	0.75mm	1
3	Protective tube	10A	2
4	Hex socket handle	Opposite side 6mm	1
5	Hex socket handle	Opposite side 4mm	1
6	Wood screw	（cross）	1
7	manual		1
8	Testing bottle	Diameter 40mm	5
Remark: These are machine essential parts, if need another machine accessories, you can ordered.			
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