

A1 型光固化炉

A1 Light Curing Unit

使用说明书	-----C
User Manual	-----E



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前言

感谢贵单位购买和使用本公司生产的 A1 型光固化炉。在使用本产品之前，请详细阅读此说明书，并请妥善保管此说明书。本公司保留对产品设计、技术或配件、使用说明书或产品包装内容随时进行修改的权力，恕不另行通知。

标准配置

一台完整的 A1 型光固化炉应包含以下物件。

主机	一台	电源线	一根
使用说明书	一份	保修卡	一份
合格证	一份		

主要技术参数

电源 ☐ AC230V、☐ AC110V、☐ 50Hz、☐ 60Hz

灯泡：27W 灯泡寿命：大于 5000 小时 功率：不大于 30W

净重：2.1Kg 产品外形尺寸：280X 135 X 125 mm

熔断器：☐ 250V1A、☐ 125V2A

图例说明



注意！查阅随机文件



保护接地

运输和存储

A1 型光固化炉应在下列条件运输与存储：

环境温度：-40℃～70℃； 大气压力：500HPa～1060 HPa

用途

制作个人牙托；制作种植牙时所用导板。

注意事项

1. 请使用带接地线的专用电源。
2. 请勿放置在易燃性物品附近。
3. 为了保护我们共同的环境，在设备报废后请妥善处理。

设备保养

如果设备表面有灰尘或污点，请用布或用布蘸中性清洁剂进行擦拭。

切勿使用有机溶剂进行擦拭，以避免造成设备表面褪色。

操作方法

1. 将电源线插头插入机器后面的电源插座内。
2. 参照使用说明书接上合适的电源，并接通机身后部的开关电源。
3. 系统预设固化时间为 3 分钟；使用时可依据所固化材料的需求调整时间。

可调时间：6 秒—99 分钟。

按“▲”为增加时间

按“▼”为减少时间（0.1 表示 6 秒）

打开箱体或关闭机器前，调整的时间可保存。

4. 将个人牙托材料在石膏模型上压制成型并去掉多余部分。将石膏模型连同个人牙托材料放入机器内，点击“START/STOP”键开始光照。如需中断光照，只需打开箱门，固化灯会自动关闭，数显闪烁显示为：“—□”。
5. 完成光照后，变硬的个人牙托可以取出。经检查可确定是继续添加材料还是完成。完成后个人牙托即可作为 2 次取模使用。
6. 调整的时间可继续使用，按下“START/STOP”键即可。

故障排除

如果发生故障，可以采取如下的解决方法，如果仍无法正常工作，请与当地经销商或本公司联系。

故障现象	可能原因	解决方法
按下启动按键后,灯管不亮	检查灯管, 是否未与灯座插紧	插紧灯管
	长期使用后灯管老化	更换新灯管

售后服务

本设备自售出之日起免费保修壹年；但由于用户原因，造成设备损坏的，不在保修范围之内；对由非本公司所指定的专业维修人员维修而造成的不可修复性设备损坏，不属于免费保修范围；易损件（如灯管）不在保修范围。

Preface

Thank you for purchasing A1 Light curing unit. Before using this equipment, please read this USER MANUAL carefully and follow the maintenance to enable the function to be fully implemented. Please put this USER MANUAL in a proper place for the future reading. We reserve the right to change the design, the technique, accessories, the instruction manual and the contents of the original packing list of the equipment at any time without notice.

Main parts and accessories

A set complete A1 Light curing unit. consists the following parts:

Main unit	1set	Power cord	1pcs
Instruction manual	1copy	Guarantee	1copy
Certification	1copy		

The main technical specifications

POWER SOURCE: ☐ AC230V、☐ AC110V、☐ 50Hz、☐ 60Hz

FML LAMP-BUE: 27W/0.610A/460lm LAMPLIFE: 5,000Hours

POWER CONLSUMPTION: <30W WEIGHT: 2.1KGS

UNIT'S OVERALL SIZE: 280X 135 X 125 mm (D×W×H)

FUSE: ☐ 250V 1A ☐ 125V 2A

Figure instruction



Notice! Refer to files



Earth protection

Shipping and storage

A1 Light curing unit should be shipped and stored under the following environment:

Environment temperature: -40°C~70°C;

Air pressure: 500Hpa~1060 Hpa

Usages

Making individual tray

Making guide plate for implant

Note

1. Please use the power source with ground wire.
2. Never install at a place near the inflammable substance.
3. In order to protect the environment, please cope with the disused machine.

Maintenance

Do not clean the machine by organic solvents.


Terms of Guarantee

Holy Medical grants the user a guarantee for its complete product range, covering any faulty functioning and defects in material or manufacture, for a period of 12 months from the date of the invoice.

Operation

1. Plug the power cord into an appropriate AC outlet with earth leakage circuit breaker.(230Volt 50/60Hz 100Volt 50/60Hz).
2. Depress the power switch on the backside to energize the unit.
3. The display shows a 3-minutes pre-set curing cycle. The user can adjust the curing time from 0/1 minute(6 seconds) to 99 minutes according to the required polymerization for various composites and resin-based materials.
 - Press the “▲” button to increase the curing time up to maximum 99 minutes
 - Press the “▼” button to reduce the curing time to a minimum of 6 seconds(“0.1” shown on display).

*The pre-set curing time can be adjusted and memorized before opening the door of the hardening chamber or before turning off the unit.

4. Shape the individual tray material by using a mould and cut off the excess material. Place the whole in the hardening chamber and press the START/STOP button to start the curing cycle. The built-in safety switch ensures that the light will be turned off if the door to the hardening chamber is opened during a curing cycle, “—  ” will light up on the display.
5. The hardened tray can be taken out of the hardening chamber when the curing time has elapsed. After examining the tray, one can decide to add some material or to proceed finishing off the edges of the tray.
6. The programmed curing time is kept in the memory of the unit. Simply press the START/STOP button again to repeat the curing cycle.

Trouble shooting

In case any malfunction or problems happens, the following solutions could be adopted. If the problems can not be solved, please contact the local dealer and send for repairing.

Problem	Causes	Solutions
There is no power of tube after press the button.	The tube is not completely connected with holder.	Inspect and connect the tube.
	The tube is ageing.	Change new tube.

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