Preface

Dear user,

Thank you for your support and your trust to our company and your choice for using our YK-6000 series UV radiation treatment system.

Our company is an experienced High-tech joint-stock limited liability company specialized in developing, exploiting, manufacturing and slaes of medial instruments.

To help you operate the YK-6000 skillfully, we offer a user manual for you with operating detailed instructions. Please read the user manual and all the attached documents carefully when you firstly install and use the instrument.

To improve performance and reliability of the instruments, we will constantly optimized the instruments(including the hardware and software), we will inform you the improvement condition on the occasion. If there are any errors and omissions in this directions, welcome your criticism and Correction!

Instruction must known by the user

For problems encountered in the use process or you need help, please do not hesitate to contact my company technical service, we will reply at the first time.Correctly using of the device can prolong the service life and maximize the using value of the product.

We will not assume the responsibility for damage to the person or instrument caused by abnormal operation or violation of relevant provisions of the operation! Gives no warranty in relation to the possible safety, reliability and performance, the company will not offer free repairs for machine error caused in the below conditions:

- UV radiation treatment system used in the radiation environment are strictly prohibited
- Make sure the power connection is correct without error
- Before using the instrument for diagnosis or treatment for the patients before, please confirm the indications strictly and possible adverse reactions
- Before the treatment, the operator need to know the patient's MED (minimal erythema dose) test values, the input value should be less than M E D(minimal erythema dose) time value calculated by test values ;
- Irradiation distance has much effect on the radiation intensity, the user should guarantee the correctness of the irradiation distance;

- If lumps, pain or pigment spots on the skin of the patient appears constantly, skin specialists should be invited quickly and corresponding measures should be taken in time.
- Warning: please use this instrument under the guidance of doctors.

Warning

Incorrect operation will cause harm to human body,please use under the guidance of a doctor.

contents

Chapter one General introduction to Product

Treated by ultraviolet radiation from 20s of 21 century. With development of science & technology, the technology of artificial light house has been developed swift. And UVA, UVB methods are the most effective way in treating many kinds of dermatosis.

In recent years, dermatosis patients become more and more, but traditional medication is not accepted by patients because it has much shortcoming such as long treatment period, great side effective, easy relapse and so on. To reduce patient pain, we researched and developed YK-6000 series UV radiation treatment system which is very effective for leukoderma, psoriasis, pityriasis rose and so on. according to clinic.

1.1 Features

A. Use Philips special UV lamp as light source, with best stability and long life;

B. Small bulk, lightweight, operation simply, patients can take with themselves;

C. High radiation intensity, with better curative effect;

D. There is glisten board inner radiation unit, can raise radiant efficiency;

E. Reasonable price, use simply, patients can bring and cure at home.

1.2 Scope of application

Applicable to the clinical unit treatment for vitiligo,psoriasis,pityriasis rosea,eczema and other skin disease.

1.3 Product category

Safety classification: this equipment belong to class II equipment.

1.4 Irradiation intensity

This instrument has been tested on the radiation intensity measurement before shipping out from company, the measurement values on the radiation intensity is as below:

Model	Number	radiation intensity (mW/cm2)
YK-6000__		

Chapter Two The structure and working principle of the products

2.1 The structure of the product

*The instrument consists of tubes, irradiator, control circuit.

*Product structure is as follows: (figure 2.1)

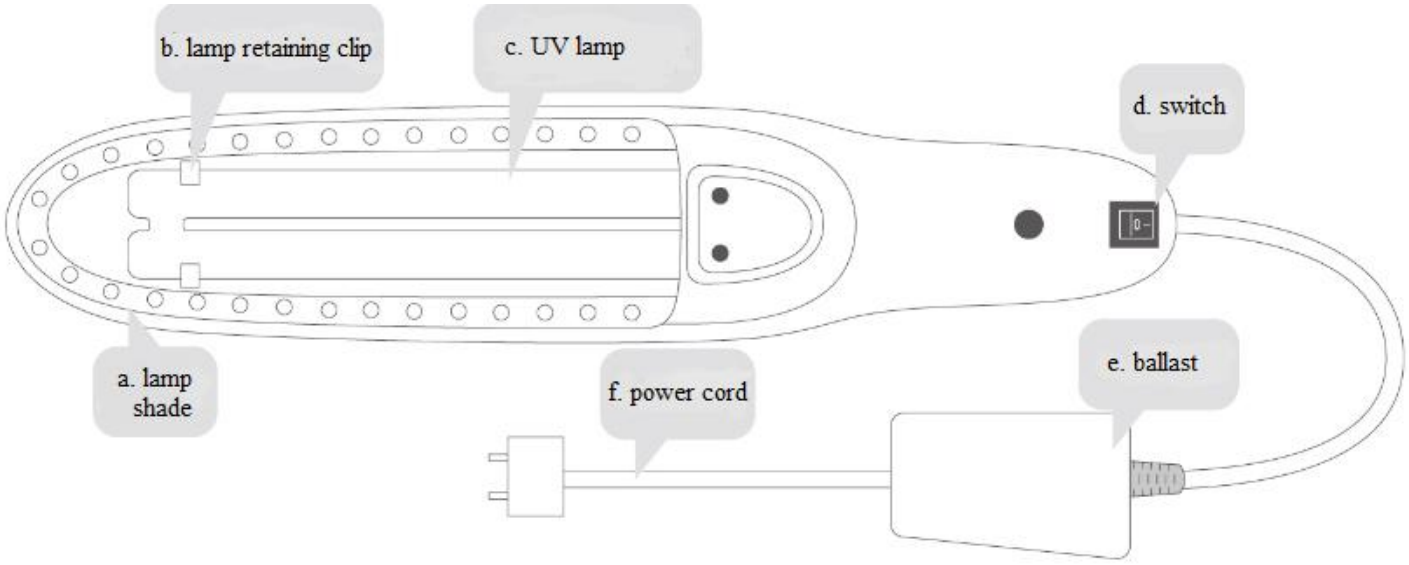


Figure 2.1

a. Lamp shade:plays the role of protecting the lamp;

b. lamp retaining clip : fix the lamp tube into the lamp shade to avoid the lamp shedding and being broken;

c. UV lamp: provides UV ray and outputs light .

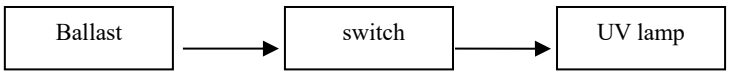
d.switch: shuts on and off the UV lamp.

e. ballast :inputs electric power to UV lamp;

f. power outlet

2.2 Working principle

As shown is picture2.2



Chapter Three The main technical indicators and safety performance

3.1 The main technical indicators

1. Operating Voltage ： 220V±22V，50Hz±1Hz；

2. Input Power ≤40VA；

3. Radiation sources ： The instrument uses Philips produced special UV lamp, the average life expectancy in 1000 to 1200 hours

Lamp Configuration

灯管数量 型号 / 波段类别	YK-6000A	YK-6000B
UVA	1	—
UVB	—	1

4. Radiation intensity :

辐照强度(mw/cm^2) 型号 / 波段类别	YK-6000A	YK-6000B
UVA	10～16	—
UVB	—	3～16

5. Spectral range

光谱范围（nm） 型号 / 波段类别	YK-6000A	YK-6000B
UVA	320~400	—
UVB	—	300~320

3.2 Safety performance and external identification

1.Instrument type shock Class II devices；

2.according to the degree of protection into the liquid classified as IPXO；Non-AP / APG-type equipment；

3.Equipment and instruments can not be mixed with air or oxygen or flammable anesthetic gas nitrous oxide flammable anesthetic used in the case of mixed；

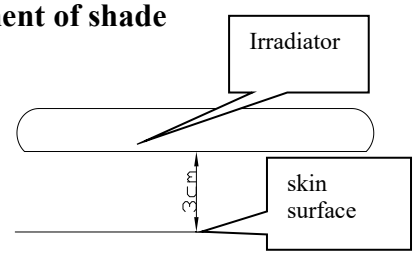
4.Instruments classified according to the operation mode to continuous operation；

5.Fuse Specification No: F1AL 250V；

6.The beginning of the power：I open O off

Chapter Four Instrument Operation

4. 1 Placement of shade



Irradiation of the skin and maintain the distance 3 +0.5 cm;

4.2 Instrument Procedure

A. Confirm radiation dose：According to doctor's advice, according to the radiation intensity of the light therapy device, can be found irradiation time required in the appendix.

Such as ： Radiation intensity of the light therapy device is E = 1mw/cm ², Doctors recommend each dose Ψ = 0.5J， the time required can be found in the appendix to T = 8 minutes and 20 seconds;

B. ballast power;

C. View clock, note the start time, calculated the end time :

D. Place the irradiator above the problem skin surface, turn the power switch;

E. Time has elapsed, turn the switch off, disconnect the power.

Chapter Five Contraindications, safety and precautions

5.1 Contraindications

5.1.1 Absolute contraindications

a) Color of dry skin disease

b) Photosensitive dermatosis significant

c) Systemic Lupus Erythematosus

d) Basal cell nevus syndrome

f) Lactating women

g) Pregnant women

5.1.2 Relative ban

(But doctors can treat the patient during treatment must be closely watched)

a) Porphyria

b) Cataract

c) Days sores

d) There is a history of familial melanoma

e) Radioactive or arsenic treatment

f) Abnormal liver function

5.2 Special physiological site protection

Excessive ultraviolet radiation will damage the eyes and skin, and even lead to cataracts or skin cancer ect other diseases,The patient have to wear anti-goggles, male patients's genital area especially testicles should be closely covered.

5.3 Device security measures

When Power supply voltage fluctuation is too large, must be equipped with AC power supply;

5.4 Precautions

1) Radiation from a great influence on the radiation intensity, should ensure the correctness of the irradiation distance;

2) After phototherapy if patients found that on the skin constantly show lumps, pain or pigmented spots, should be invited expert consultation and take appropriate measures.

Alert:

1) **Please using under the guidance of a doctor, Refuse unauthorized use**

2) **The instrument should be placed in a safe location, away from children mistakenly photos, damage the eyes or other parts.**

Chapter Six Care and Maintenance

In order to ensure the normal use of the instrument, to extend the life of the instrument, the instrument should be taken care and maintenance.

6.1 Working conditions

1. a）Ambient temperature:+10℃～+40℃;

   b）Relative humidity range：30%～75%;

   c）Atmospheric pressure range：700hPa～1060hPa;

   d）Power supply: 220V±22V 50Hz±1Hz.

2. Avoid direct sunlight.

3.Instruments should not work in toxic gases, flammable gas ect environment

6.2 Use during maintenance

1. Light therapy device should be stored in a dry, airy room；
2. Do not touch the lamp and reflector;
3. The day after the end of treatment, unplug the power cord, put into the box or a safe place;
4. Equipment should be checked regularly ,check can be carried out in accordance with the provisions of the cycle Hospital, After the calibration cycle, please contact the company. Users are advised to check the instrument during routine operational use cases, in order to make appropriate treatment;, and every six months for the instrument to do a comprehensive technical inspection;
5. In strict accordance with the operating manual steps.

6.3 Transport and storage

＊ Transport

The instrument should be avoided Hit by rain and snow shower and can be permitted by any modes of transport without the corrosive substances, mixed gas ect circumstances

＊ storage

Packed products should be stored in dry, non-corrosive substances, without a strong magnetic field coffers.

＊ Transportation and storage environmental conditions：

Ambient temperature：-40℃～55℃

Atmospheric pressure：700hpa～1060hpa

Relative humidity: ≤95%

6.4 Processing machines

YK-6000 UV phototherapy instrument lamp life is 1000 to 1200 hours.As UV lamp is medical special components if Misconduct it can cause harm to humans. After the end of life, the instrument should refer to the Chinese, "Electronic Information Products Pollution Control Regulations" for processing.To deal with any doubts, please contact our company or agency.

Pls handle the relevant waste, residues, etc as well as equipment and accessories at their end life as the relevant local medical devices laws and regulations

6.5 EMC

Electromagnetic fields may be interfere the instrument. And it may produce electromagnetic interference to other electronic products .Therefore, when the instrument is working, please do not use with other electronic products.

6.6 Parts Replacement

6.6.1 UV lamp replacement

Since the UV lamp as medical special parts, and has a limited life， When replace,choose Specification: YK-6000A choose UVA-9w-01 UV lamp, YK-6000B choose UVB-9w-01UV lamp, pls don’t use other types of UV lamp, Users are not allowed to be demolished; For replacement, should be trained by our company And re-demarcate intensity calibration.

6.6.2 Replace the fuse

cut off the power and open ballast housing , then open the fuse connector to replace the fuse ， Specifications Model: F1AL 250V fuse,do not allowed to use other types of fuses.

Chapter Seven After Service

1. Xuzhou Yongkang Electronic Science Technology Co., Ltd. will provide one-year guarantee except vulnerable part and consumable items since the day of installation, and we will provide life-long maintenance charged accordingly upon expiry of a guarantee period.

2. We shall not provide free service caused by reasons as below:

   1) Dismounting and refit without authorization.
   2) Knock or drop the machine during operation and transport by carelessness.
   3) Damage on machine and accessary caused by artificial reason.
   4) Maintenance without our permission.
   5) Burning out the machine because of local voltage instability.
   6) Breakdown or damage caused by the nature reason as fire, earthquake, etc.

3. Please contact our technical service center directly in the form of telephone, telegram, letter, fax when asking for warranty service; there might be possibility of information transmission interrupt of you contact other personnel or department, and it will directly affect your normal use and the speed of our maintenance service.

4. Technical data as circuit diagram, components list could be provided to technical service personnel authorized by our company when necessary.

Service Provider ： Xuzhou Yongkang Electronic Science Technology Co., Ltd.

Manufacturer：Xuzhou Yongkang Electronic Science Technology Co., Ltd.

Production Permit No ： SFDA Production Licence (2005) 0105

Registered product standard number：YZB/SU 1044-2011

Product registration number：SFDA Production Licence（2011）2261073

Registered Address: Room 404, NO.21 TONGSHAN ROAD,YUNLONG DISTRICT,XUZHOU,JIANGSU,221004-CHINA

Production address ： Room 508 & Floor 7, NO.21 TONGSHAN ROAD,YUNLONG DISTRICT,XUZHOU,JIANGSU,221004-CHINA

Tel： 400-806-1899

Fax： 0516-82027233

Post code： 221004

Appendix irradiation dose/intensity /time General parameter table (I)

irradiation time(min/sec)		irradiation intensity (mW/cm²)														
		01.00	01.20	01.40	01.60	01.80	02.00	02.20	02.40	02.60	02.80	03.00	03.20	03.40	03.60	03.80
irradiation dose (J/cm²)	0.20	03:20	02:47	02:23	02:05	01:51	01:40	01:31	01:23	01:17	01:11	01:07	01:03	00:59	00:56	00:53
	0.30	05:00	04:10	03:34	03:08	02:47	02:30	02:16	02:05	01:55	01:47	01:40	01:34	01:28	01:23	01:19
	0.40	06:40	05:33	04:46	04:10	03:42	03:20	03:02	02:47	02:34	02:23	02:13	02:05	01:58	01:51	01:45
	0.50	08:20	06:57	05:57	05:13	04:38	04:10	03:47	03:28	03:12	02:59	02:47	02:36	02:27	02:19	02:12
	0.60	10:00	08:20	07:09	06:15	05:33	05:00	04:33	04:10	03:51	03:34	03:20	03:08	02:56	02:47	02:38
	0.70	11:40	09:43	08:20	07:18	06:29	05:50	05:18	04:52	04:29	04:10	03:53	03:39	03:26	03:14	03:04
	0.80	13:20	11:07	09:31	08:20	07:24	06:40	06:04	05:33	05:08	04:46	04:27	04:10	03:55	03:42	03:31
	0.90	15:00	12:30	10:43	09:23	08:20	07:30	06:49	06:15	05:46	05:21	05:00	04:41	04:25	04:10	03:57
	1.00	16:40	13:53	11:54	10:25	09:16	08:20	07:35	06:57	06:25	05:57	05:33	05:13	04:54	04:38	04:23
	1.10	18:20	15:17	13:06	11:28	10:11	09:10	08:20	07:38	07:03	06:33	06:07	05:44	05:24	05:06	04:49
	1.20	20:00	16:40	14:17	12:30	11:07	10:00	09:05	08:20	07:42	07:09	06:40	06:15	05:53	05:33	05:16
	1.30	21:40	18:03	15:29	13:33	12:02	10:50	09:51	09:02	08:20	07:44	07:13	06:46	06:22	06:01	05:42
	1.40	23:20	19:27	16:40	14:35	12:58	11:40	10:36	09:43	08:58	08:20	07:47	07:18	06:52	06:29	06:08
	1.50	25:00	20:50	17:51	15:38	13:53	12:30	11:22	10:25	09:37	08:56	08:20	07:49	07:21	06:57	06:35
	1.60	26:40	22:13	19:03	16:40	14:49	13:20	12:07	11:07	10:15	09:31	08:53	08:20	07:51	07:24	07:01
	1.70	28:20	23:37	20:14	17:43	15:44	14:10	12:53	11:48	10:54	10:07	09:27	08:51	08:20	07:52	07:27
	1.80	30:00	25:00	21:26	18:45	16:40	15:00	13:38	12:30	11:32	10:43	10:00	09:23	08:49	08:20	07:54
	1.90	31:40	26:23	22:37	19:48	17:36	15:50	14:24	13:12	12:11	11:19	10:33	09:54	09:19	08:48	08:20
	2.00	33:20	27:47	23:49	20:50	18:31	16:40	15:09	13:53	12:49	11:54	11:07	10:25	09:48	09:16	08:46
	2.10	35:00	29:10	25:00	21:53	19:27	17:30	15:55	14:35	13:28	12:30	11:40	10:56	10:18	09:43	09:13
	2.20	36:40	30:33	26:11	22:55	20:22	18:20	16:40	15:17	14:06	13:06	12:13	11:28	10:47	10:11	09:39
	2.30	38:20	31:57	27:23	23:58	21:18	19:10	17:25	15:58	14:45	13:41	12:47	11:59	11:16	10:39	10:05
	2.40	40:00	33:20	28:34	25:00	22:13	20:00	18:11	16:40	15:23	14:17	13:20	12:30	11:46	11:07	10:32
	2.50	41:40	34:43	29:46	26:03	23:09	20:50	18:56	17:22	16:02	14:53	13:53	13:01	12:15	11:34	10:58
	2.60	43:20	36:07	30:57	27:05	24:04	21:40	19:42	18:03	16:40	15:29	14:27	13:33	12:45	12:02	11:24

irradiation dose/intensity /time General parameter table（Ⅱ）

irradiation time(min/sec)		irradiation intensity（mW/cm²）														
		04.00	04.20	04.40	04.60	04.80	05.00	05.20	05.40	05.60	05.80	06.00	06.20	06.40	06.60	06.80
irradiation dose（J/cm²）	0.20	00:50	00:48	00:45	00:43	00:42	00:40	00:38	00:37	00:36	00:36	00:33	00:32	00:31	00:30	00:29
	0.30	01:15	01:11	01:08	01:05	01:03	01:00	00:58	00:56	00:54	00:54	00:50	00:48	00:47	00:45	00:44
	0.40	01:40	01:35	01:31	01:27	01:23	01:20	01:17	01:14	01:11	01:11	01:07	01:05	01:02	01:01	00:59
	0.50	02:05	01:59	01:54	01:49	01:44	01:40	01:36	01:33	01:29	01:29	01:23	01:20	01:18	01:16	01:14
	0.60	02:30	02:23	02:16	02:10	02:05	02:00	01:55	01:51	01:47	01:47	01:40	01:37	01:34	01:31	01:28
	0.70	02:55	02:47	02:39	02:32	02:26	02:20	02:15	02:10	02:05	02:05	01:56	01:53	01:49	01:46	01:43
	0.80	03:20	03:10	03:02	02:54	02:47	02:40	02:34	02:28	02:23	02:23	02:13	02:09	02:05	02:01	01:58
	0.90	03:45	03:34	03:25	03:16	03:08	03:00	02:53	02:47	02:40	02:40	02:30	02:25	02:20	02:16	02:13
	1.00	04:10	03:58	03:47	03:37	03:28	03:20	03:12	03:05	02:58	02:58	02:47	02:41	02:36	02:32	02:27
	1.10	04:35	04:22	04:10	03:59	03:49	03:40	03:32	03:24	03:16	03:16	03:04	02:58	02:52	02:47	02:42
	1.20	05:00	04:46	04:33	04:21	04:10	04:00	03:51	03:42	03:34	03:34	03:20	03:14	03:08	03:02	02:56
	1.30	05:25	05:10	04:55	04:43	04:31	04:20	04:10	04:01	03:52	03:52	03:37	03:29	03:23	03:17	03:11
	1.40	05:50	05:33	05:18	05:04	04:52	04:40	04:29	04:19	04:10	04:10	03:53	03:46	03:39	03:32	03:26
	1.50	06:15	05:57	05:41	05:26	05:13	05:00	04:48	04:38	04:28	04:28	04:10	04:02	03:55	03:47	03:41
	1.60	06:40	06:21	06:04	05:48	05:33	05:20	05:08	04:56	04:46	04:46	04:26	04:18	04:10	04:02	03:55
	1.70	07:05	06:45	06:26	06:10	05:54	05:40	05:27	05:15	05:04	05:04	04:43	04:34	04:26	04:17	04:10
	1.80	07:30	07:09	06:49	06:31	06:15	06:00	05:46	05:33	05:21	05:21	05:00	04:50	04:41	04:33	04:25
	1.90	07:55	07:32	07:12	06:53	06:36	06:20	06:05	05:52	05:39	05:39	05:17	05:07	04:57	04:48	04:40
	2.00	08:20	07:56	07:35	07:15	06:57	06:40	06:25	06:10	05:57	05:57	05:34	05:23	05:13	05:03	04:54
	2.10	08:45	08:20	07:57	07:37	07:18	07:00	06:44	06:29	06:15	06:15	05:50	05:39	05:28	05:18	05:09
	2.20	09:10	08:44	08:20	07:58	07:38	07:20	07:03	06:47	06:32	06:32	06:07	05:55	05:44	05:34	05:23
	2.30	09:35	09:08	08:43	08:20	07:59	07:40	07:22	07:06	06:51	06:51	06:23	06:11	05:59	05:49	05:38
	2.40	10:00	09:31	09:05	08:42	08:20	08:00	07:42	07:24	07:09	07:09	06:40	06:27	06:15	06:04	05:53
	2.50	10:25	09:55	09:28	09:03	08:41	08:20	08:01	07:43	07:26	07:26	06:56	06:43	06:31	06:19	06:08
	2.60	10:50	10:19	09:51	09:25	09:02	08:40	08:20	08:01	07:44	07:44	07:13	06:29	06:46	06:34	06:22

irradiation dose/intensity /time General parameter table（Ⅲ）

irradiation time(min/sec)		irradiation intensity （mW/cm²）														
		07.00	07.20	07.40	07.60	07.80	08.00	08.20	08.40	08.60	08.80	09.00	09.20	09.40	09.60	09.80
irradiation dose （J/cm²）	0.20	00:29	00:27	00:27	00:26	00:26	00:25	00:24	00:24	00:23	00:23	00:22	00:22	00:21	00:21	00:20
	0.30	00:43	00:42	00:41	00:39	00:38	00:38	00:37	00:36	00:35	00:34	00:33	00:33	00:32	00:31	00:31
	0.40	00:57	00:56	00:54	00:53	00:51	00:50	00:49	00:48	00:47	00:45	00:44	00:43	00:43	00:42	00:41
	0.50	01:11	01:09	01:08	01:06	01:04	01:03	01:01	01:00	00:58	00:57	00:56	00:54	00:53	00:52	00:51
	0.60	01:26	01:23	01:21	01:19	01:17	01:15	01:13	01:11	01:10	01:08	01:07	01:05	01:04	01:02	01:01
	0.70	01:40	01:37	01:35	01:32	01:30	01:28	01:25	01:23	01:22	01:20	01:18	01:16	01:14	01:13	01:12
	0.80	01:54	01:51	01:48	01:45	01:43	01:40	01:38	01:35	01:33	01:31	01:29	01:27	01:25	01:23	01:22
	0.90	02:08	02:05	02:02	01:58	01:55	01:52	01:50	01:47	01:44	01:42	01:40	01:38	01:36	01:34	01:32
	1.00	02:23	02:19	02:15	02:11	02:08	02:48	02:02	01:59	01:56	01:53	01:51	01:49	01:46	01:44	01:42
	1.10	02:37	02:33	02:29	02:25	02:21	02:17	02:14	02:11	02:08	02:48	02:02	01:59	01:57	01:55	01:52
	1.20	02:52	02:47	02:42	02:38	02:34	02:30	02:26	02:23	02:20	02:16	02:13	02:10	02:08	02:05	02:02
	1.30	03:06	03:01	02:56	02:51	02:47	02:43	02:38	02:35	02:31	02:28	02:25	02:22	02:18	02:16	02:13
	1.40	03:20	03:14	03:09	03:04	02:59	02:55	02:51	02:47	02:43	02:39	02:35	02:32	02:29	02:26	02:23
	1.50	03:34	03:28	03:23	03:17	03:13	03:08	03:03	02:59	02:54	02:50	02:47	02:43	02:40	02:36	02:33
	1.60	03:49	03:42	03:36	03:31	03:25	03:20	03:15	03:10	03:06	03:02	02:58	02:54	02:50	02:47	02:43
	1.70	04:03	03:56	03:50	03:44	03:38	03:32	03:28	03:22	03:17	03:13	03:09	03:05	03:01	02:57	02:53
	1.80	04:17	04:10	04:03	03:57	03:50	03:45	03:40	03:34	03:29	03:25	03:20	03:16	03:11	03:08	03:04
	1.90	04:31	04:24	04:17	04:10	04:03	03:58	03:52	03:46	03:41	03:36	03:31	03:26	03:22	03:18	03:14
	2.00	04:45	04:38	04:30	04:23	04:16	04:10	04:04	03:58	03:53	03:47	03:42	03:37	03:33	03:28	03:24
	2.10	05:00	04:52	04:44	04:36	04:29	04:22	04:16	04:10	04:04	03:59	03:53	03:48	03:43	03:39	03:34
	2.20	05:14	05:05	04:57	04:49	04:42	04:35	04:28	04:22	04:16	04:10	04:04	03:59	03:54	03:49	03:44
	2.30	05:28	05:19	05:11	05:02	04:55	04:47	04:40	04:34	04:28	04:22	04:16	04:10	04:05	03:59	03:55
	2.40	05:43	05:34	05:24	05:16	05:07	05:00	04:53	04:46	04:39	04:32	04:26	04:20	04:15	04:10	04:05
	2.50	05:57	05:47	05:38	05:29	05:20	05:13	05:05	04:58	04:50	04:44	04:38	04:31	04:26	04:20	04:15
	2.60	06:11	06:01	05:52	05:42	05:34	05:25	05:28	05:10	05:02	04:55	04:49	04:43	04:37	04:31	04:25

irradiation dose/intensity /time General parameter table (Ⅳ)

irradiation time(min/sec)		irradiation intensity (mW/cm²)														
		10.00	10.20	10.40	10.60	10.80	11.00	11.20	11.40	11.60	11.80	12.00	12.20	12.40	12.60	12.80
irradiation dose (J/cm²)	0.20	00:20	00:20	00:19	00:19	00:18	00:18	00:18	00:18	00:17	00:17	00:17	00:17	00:17	00:16	00:15
	0.30	00:30	00:30	00:29	00:28	00:27	00:27	00:27	00:26	00:26	00:25	00:25	00:24	00:24	00:23	00:23
	0.40	00:40	00:39	00:38	00:37	00:36	00:36	00:35	00:35	00:34	00:34	00:33	00:33	00:32	00:32	00:31
	0.50	00:50	00:49	00:48	00:47	00:46	00:45	00:45	00:44	00:43	00:42	00:42	00:41	00:40	00:39	00:38
	0.60	01:00	00:59	00:58	00:57	00:56	00:55	00:54	00:53	00:52	00:51	00:50	00:49	00:48	00:47	00:46
	0.70	01:10	01:08	01:07	01:06	01:05	01:04	01:03	01:01	01:00	00:59	00:58	00:57	00:56	00:55	00:54
	0.80	01:20	01:19	01:17	01:15	01:14	01:13	01:11	01:10	01:08	01:07	01:06	01:05	01:04	01:03	01:02
	0.90	01:30	01:28	01:26	01:25	01:23	01:22	01:20	01:18	01:17	01:16	01:15	01:14	01:13	01:12	01:10
	1.00	01:40	01:38	01:36	01:34	01:33	01:31	01:29	01:27	01:26	01:24	01:23	01:21	01:20	01:18	01:17
	1.10	01:50	01:48	01:46	01:44	01:42	01:40	01:38	01:36	01:34	01:33	01:32	01:30	01:29	01:28	01:27
	1.20	02:00	01:56	01:54	01:52	01:55	01:49	01:48	01:46	01:44	01:42	01:40	01:38	01:36	01:34	01:33
	1.30	02:10	02:08	02:06	02:04	02:01	01:58	01:56	01:55	01:53	01:52	01:51	01:49	01:47	01:45	01:43
	1.40	02:20	02:17	02:14	02:11	02:09	02:07	02:04	02:01	01:59	01:58	01:56	01:53	01:50	01:47	01:45
	1.50	02:30	02:27	02:24	02:21	02:19	02:16	02:14	02:12	02:10	02:08	02:05	02:03	02:01	01:59	01:57
	1.60	02:40	02:37	02:34	02:31	02:28	02:25	02:23	02:20	02:18	02:15	02:13	02:11	02:09	02:07	02:05
	1.70	02:50	02:46	02:42	02:38	02:36	02:34	02:31	02:29	02:26	02:24	02:21	02:19	02:16	02:14	02:12
	1.80	03:00	02:57	02:54	02:50	02:46	02:43	02:40	02:38	02:36	02:33	02:30	02:28	02:26	02:24	02:21
	1.90	03:10	03:06	03:02	02:58	02:57	02:52	02:49	02:46	02:43	02:40	02:38	02:36	02:34	02:31	02:29
	2.00	03:20	03:16	03:12	03:09	03:05	03:01	02:58	02:55	02:52	02:49	02:46	02:43	02:40	02:38	02:36
	2.10	03:30	03:26	03:22	03:18	03:14	03:11	03:08	03:05	03:01	02:08	02:55	02:52	02:49	02:46	02:44
	2.20	03:40	03:36	03:32	03:28	03:24	03:20	03:16	03:12	03:08	03:05	03:03	02:58	02:54	02:50	02:46
	2.30	03:50	03:45	03:43	03:37	03:33	03:29	03:26	03:22	03:18	03:15	03:11	03:09	03:05	03:03	03:00
	2.40	04:00	03:55	03:51	03:46	03:42	03:38	03:34	03:31	03:27	03:23	03:20	03:17	03:13	03:10	03:08
	2.50	04:10	04:05	04:00	04:56	04:51	03:47	03:43	03:39	03:35	03:32	03:28	03:25	03:21	03:18	03:15
	2.60	04:20	04:15	04:10	04:05	04:01	03:56	03:52	03:48	03:44	03:40	03:36	03:33	03:30	03:26	03:23

irradiation dose/intensity /time General parameter table（V）

irradiation time(min/sec)		irradiation intensity （mW/cm²）														
		13.00	13.20	13.40	13.60	13.80	14.00	14.20	14.40	14.60	14.80	15.00	15.20	15.40	15.60	15.80
irradiation dose （J/cm²）	0.20	00:15	00:15	00:15	00:14	00:14	00:14	00:14	00:14	00:13	00:13	00:13	00:13	00:13	00:12	00:12
	0.30	00:23	00:23	00:22	00:22	00:21	00:21	00:21	00:20	00:20	00:20	00:20	00:19	00:19	00:18	00:18
	0.40	00:30	00:30	00:30	00:29	00:29	00:29	00:28	00:28	00:28	00:27	00:27	00:27	00:27	00:26	00:26
	0.50	00:38	00:38	00:37	00:37	00:36	00:36	00:35	00:35	00:34	00:34	00:33	00:33	00:32	00:32	00:31
	0.60	00:46	00:45	00:45	00:44	00:44	00:43	00:43	00:42	00:42	00:41	00:40	00:40	00:39	00:39	00:38
	0.70	00:54	00:53	00:52	00:51	00:50	00:50	00:49	00:49	00:48	00:48	00:47	00:47	00:46	00:46	00:45
	0.80	01:02	01:01	01:00	00:59	00:58	00:57	00:56	00:55	00:54	00:53	00:53	00:52	00:51	00:51	00:50
	0.90	01:09	01:08	01:07	01:06	01:05	01:04	01:04	01:03	01:02	01:01	01:00	01:00	00:59	00:58	00:57
	1.00	01:16	01:15	01:14	01:13	01:12	01:11	01:10	01:09	01:08	01:07	01:07	01:06	01:05	01:04	01:03
	1.10	01:25	01:24	01:22	01:21	01:20	01:19	01:17	01:16	01:15	01:14	01:13	01:12	01:11	01:10	01:09
	1.20	01:32	01:31	01:30	01:28	01:26	01:26	01:25	01:24	01:23	01:21	01:20	01:19	01:18	01:17	01:16
	1.30	01:40	01:38	01:37	01:36	01:34	01:33	01:31	01:30	01:29	01:28	01:27	01:26	01:25	01:24	01:22
	1.40	01:47	01:46	01:44	01:42	01:41	01:40	01:38	01:37	01:35	01:34	01:33	01:32	01:30	01:29	01:28
	1.50	01:55	01:53	01:51	01:50	01:49	01:47	01:45	01:43	01:42	01:41	01:40	01:39	01:38	01:36	01:35
	1.60	02:03	02:01	01:59	01:57	01:26	01:54	01:52	01:50	01:59	01:58	01:46	01:45	01:43	01:42	01:41
	1.70	02:11	02:09	02:07	02:05	02:03	02:01	02:01	01:58	01:56	01:55	01:53	01:52	01:50	01:49	01:48
	1.80	02:18	02:16	02:14	02:12	02:10	02:08	02:06	02:05	02:03	02:02	02:00	01:58	01:57	01:55	01:53
	1.90	02:26	02:24	02:22	02:20	02:18	02:16	02:14	02:12	02:10	02:08	02:06	02:05	02:03	02:02	02:00
	2.00	02:33	02:31	02:29	02:27	02:25	02:23	02:21	02:19	02:17	02:15	02:13	02:12	02:10	02:08	02:07
	2.10	02:41	02:39	02:37	02:34	02:32	02:30	02:28	02:26	02:24	02:22	02:20	02:18	02:16	02:15	02:13
	2.20	02:49	02:47	02:44	02:42	02:39	02:37	02:35	02:33	02:31	02:29	02:26	02:25	02:23	02:21	02:19
	2.30	02:57	02:54	02:52	02:49	02:47	02:44	02:42	02:40	02:38	02:35	02:33	02:31	02:29	02:27	02:26
	2.40	03:04	03:02	02:59	03:56	03:54	02:51	02:49	02:47	02:44	02:42	02:40	02:38	02:36	02:34	02:30
	2.50	03:12	03:09	03:07	03:04	03:01	02:59	02:56	02:54	02:51	02:49	02:46	02:44	02:42	02:40	02:38
	2.60	03:20	03:17	03:14	03:11	03:08	03:06	03:03	03:01	03:58	03:56	02:53	02:51	02:48	02:46	02:45

Note：When dose J≥2.6J/cm²， time could be calculated by adding. eg：dose=3.5 J/cm², irradiation intensity=14. 6 mW/cm² take 3.5=2.00+1.5 J/cm² T=2.17+1.42=3.59 min.sec the final irradiation time is 3 minute 59 second.

YK-6000 UV RADIATION TREATMENT

PACKING LIST

NO.	ITEM	QTY	UNIT
1	Mainframe	1	set
2	Power Line	1	piece
3	User Manual	1	piece
4	Guarantee	1	piece

Xuzhou Yongkang Electronic Science Technology Co., Ltd.