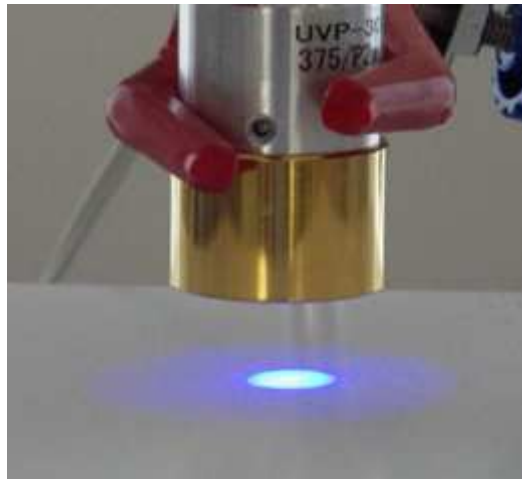


Compact UV point type irradiator

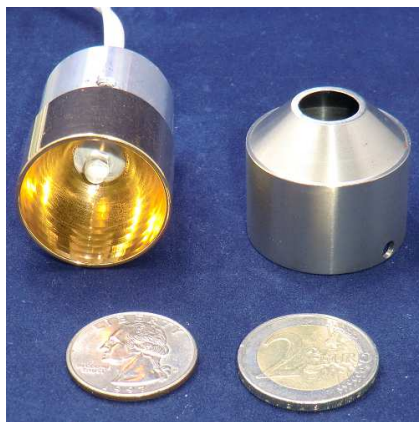
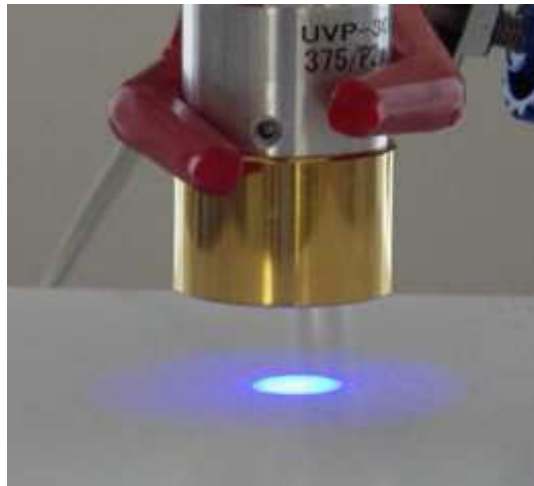
UVP-30 series



**Heat-tech**

## **Contents**

1. Features of UVP-30
2. UVP-30 focal length and focal diameter
3. Light distribution characteristics of UVP-30
4. Spectral distribution of UVP-30
5. Design life of UVP-30
6. Composition of UVP-30
7. Outline drawing of UVP-30
8. Manual controller UVPC-3.6V series

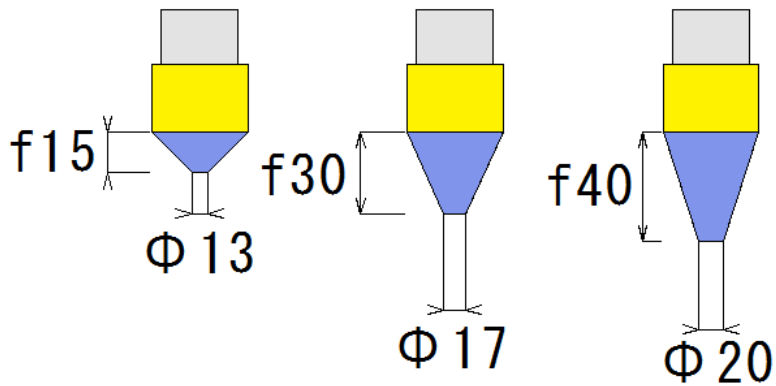


## 1. Features of UVP-30

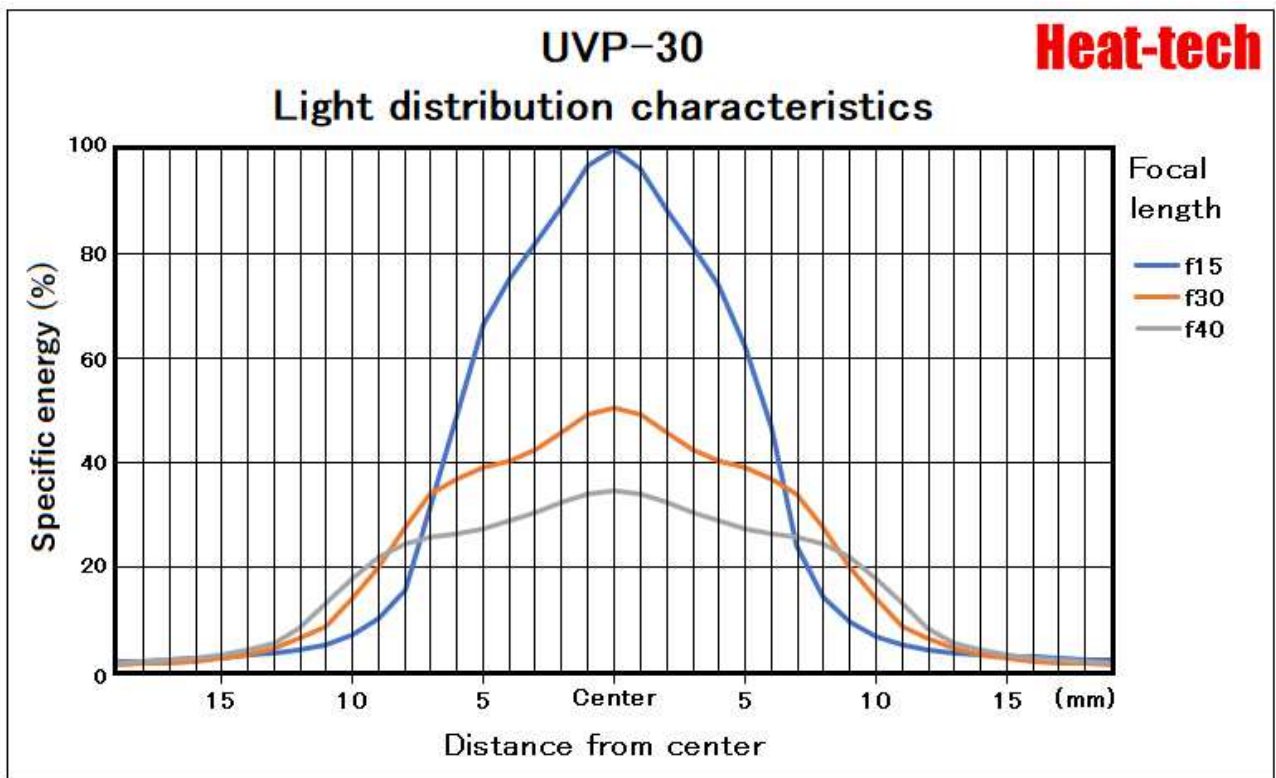
- 1) UVP-30 is compact and can irradiate a point of  $\phi 13$  with UV rays. UVP-30 is an ultraviolet point type irradiator that points the light of an ultraviolet lamp with a condensing mirror.
- 2) user can select from 5 wavelengths of near ultraviolet (UVA): 355nm, 360nm, 365nm, 370nm, and 375nm. Activation of cell functions and suntan effect can be compared by wavelength.
- 3) The manual variable power supply allows user to easily adjust the irradiation amount by adjusting the current. The effect of UV rays can be compared by the amount of irradiation.
- 4) Perfect clean irradiation is realized, and irradiation in a clean room or vacuum is also possible.
- 5) A light-shielding hood ensures the safety of workers.

## 2. UVP-30 focal length and focal diameter

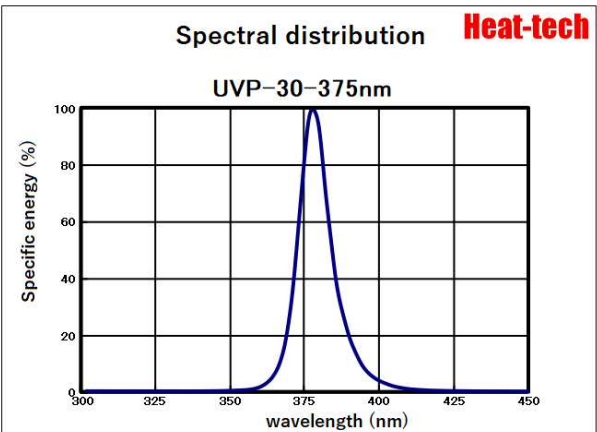
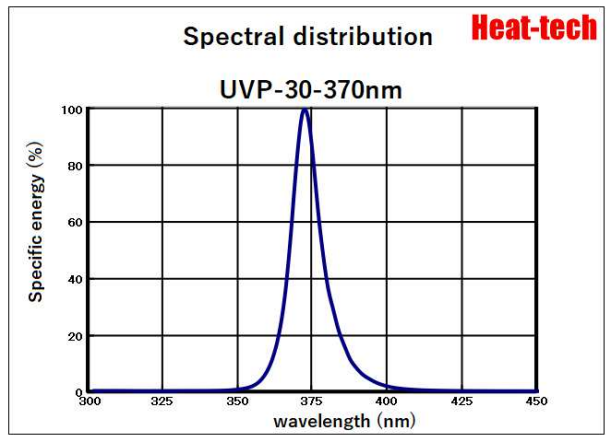
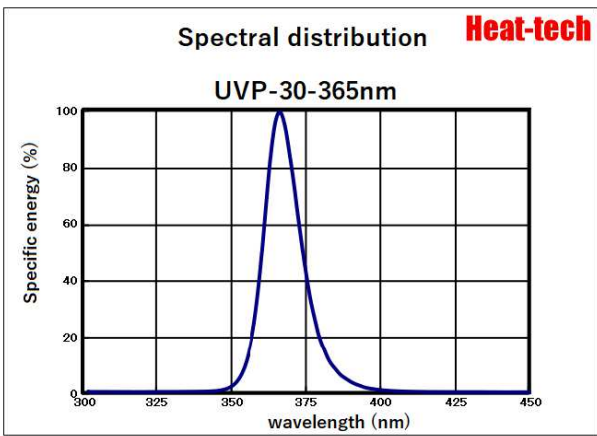
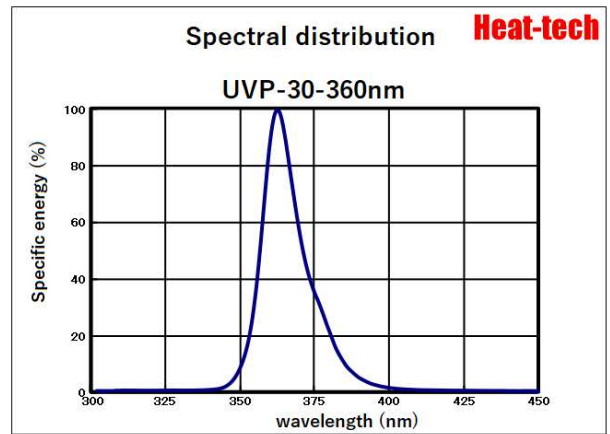
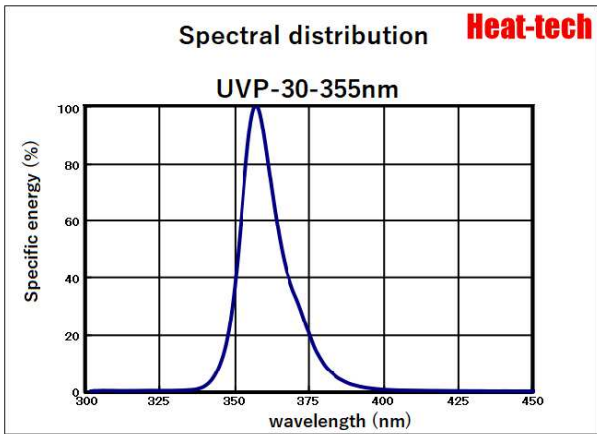
### UVP-30



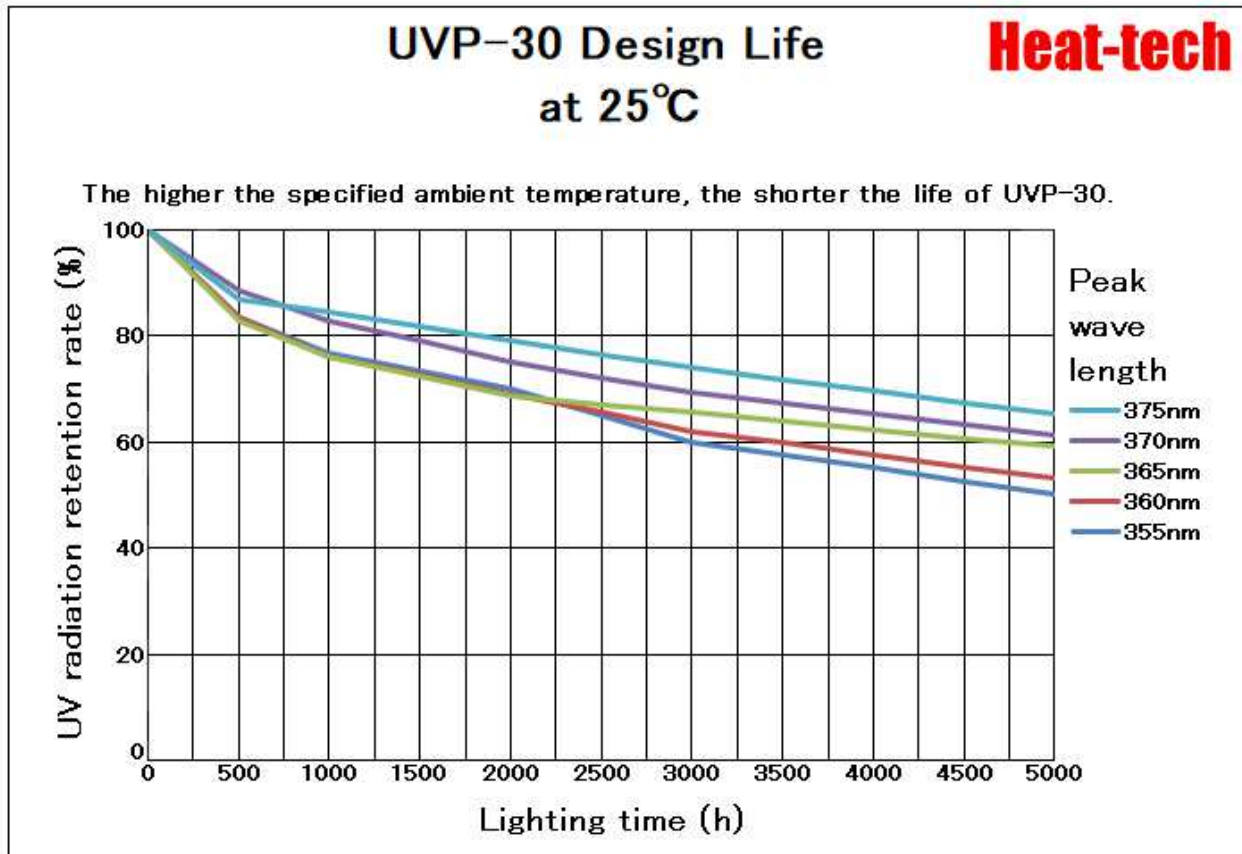
## 3. Light distribution characteristics of UVP-30



#### 4. Spectral distribution of UVP-30



## 5. Design life of UVP-30



## 6. Composition of UVP-30

UVP-30 is used by combining a condenser mirror and a lamp, and specifying the length of the power line.

Condenser mirror	Focus	Point size
UVP-30/f15	15mm	≒ φ13mm
UVP-30/f30	30mm	≒ φ17mm
UVP-30/f40	40mm	≒ φ21mm

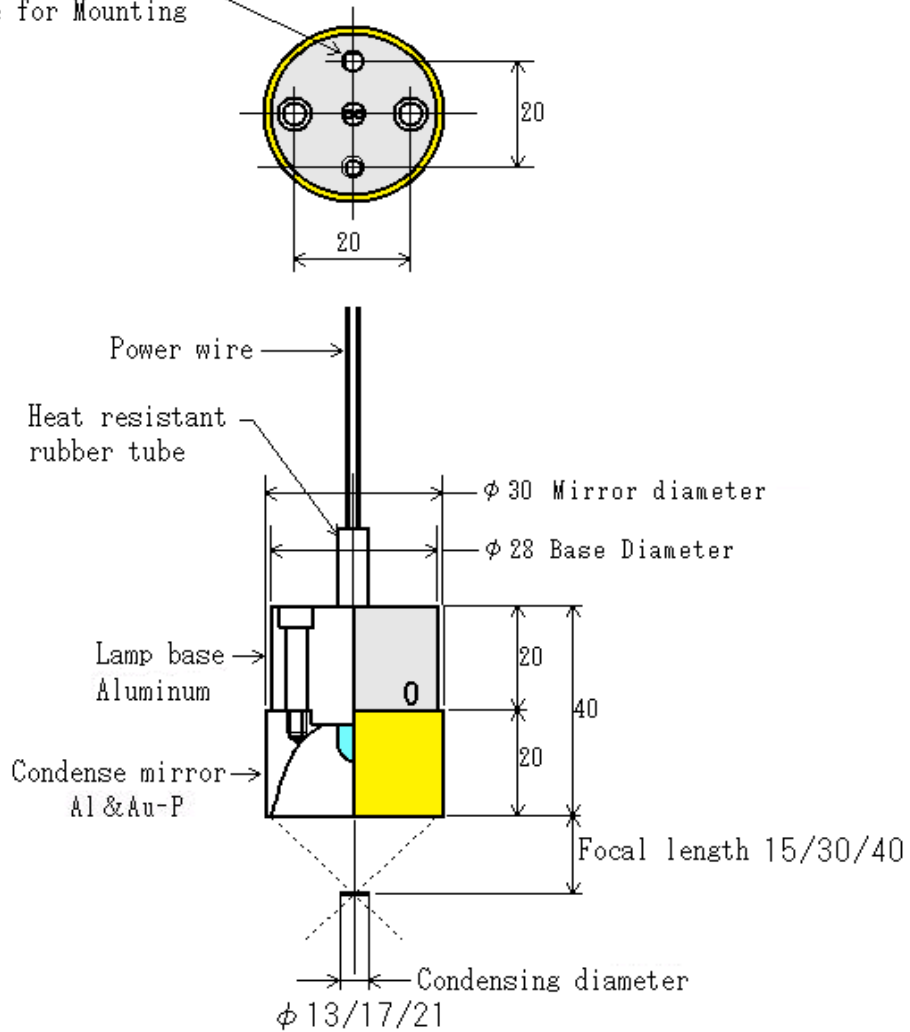
Lamp D/#	Volt-Current	Wavelength
UVP-30/3.6V-25mA/355nm	3.6V-25mA	355nm
UVP-30/3.6V-25mA/360nm		360nm
UVP-30/3.6V-25mA/365nm		365nm
UVP-30/3.6V-25mA/370nm		370nm
UVP-30/3.6V-25mA/375nm		375nm

Options	Items
P <input type="checkbox"/> m	Power line length
Hood-30f <input type="checkbox"/>	Antiglare hood

Model specification example UVP-30/f15/3.6V-25mA/355nm/P3m

## 7. Outline drawing of UVP-30

2-M4F Depth 8mm  
Use for Mounting



### 【 How to order 】

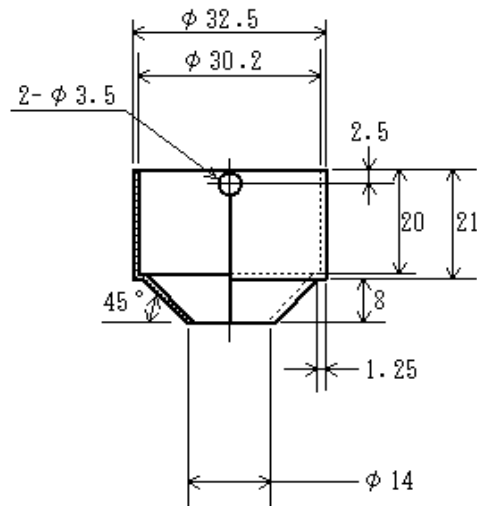
f□ Specify focal length / □nm Specify Wavelength / P□ Specify Power line length  
/Hood-30f□ Antiglare hood

※ Focus diameter not be specified.

Mirror	$\Phi 30$ mm		
Focus	15mm	30mm	40mm
Focus Point	$\Phi 13$ mm	$\Phi 17$ mm	$\Phi 21$ mm
Volt-Current	DC 3.6v-25mA		
Wavelength	355nm/360nm/365nm/370nm/375nm		
D/#	UVP-30/f□/3.6v-25mA/□nm/P□m		
Model	<b>Ultraviolet point type Irradiation device</b>		

Date 2022/10/21

**Heat-tech**



【 How to order 】

f□ Specify focal length

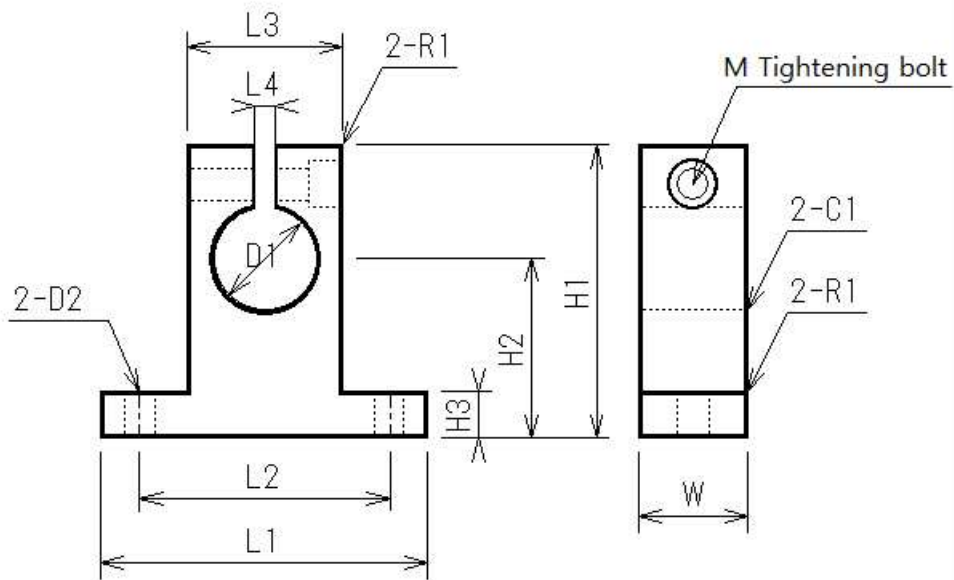
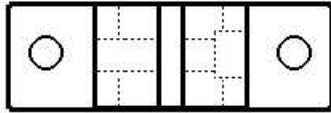
Since it is necessary to cut screw holes for fixing in the condenser mirror,  
it is ordered as a set with the condenser mirror.

Material	SUS303-304
D/#	Hood-30f□
Model	Antiglare hood for UVP-30

Date 2022/10/21

**Heat-tech**





D/#	D1	D2	L1	L2	L3	L4	H1	H2	H3	W	M
TS-7	Φ30	9.0	84	64	44	2	70.0	42	12	28	M6

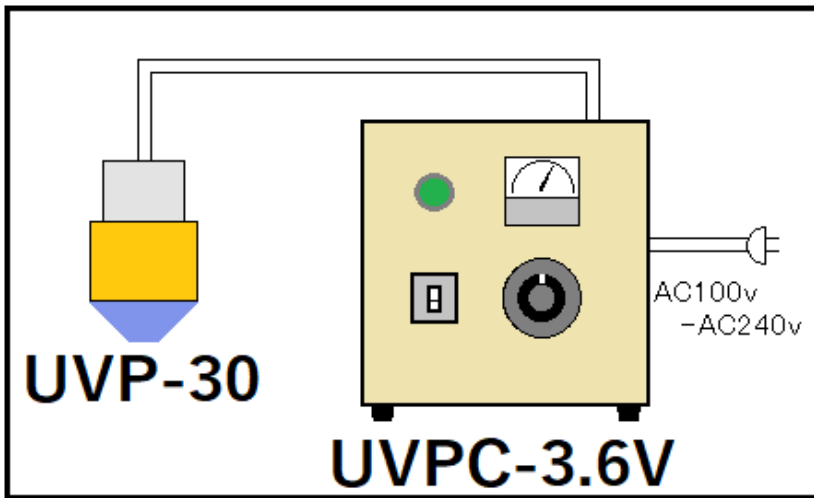
Material	Anodized
Model	TS-7
Name	T-type stand
<b>Heat-tech</b>	

## 8. Manual controller UVPC-3.6V series



Color universal design UVCP3.6V series

A blue indicator light has been adopted to make it easy for anyone to see.  
A dial is included to allow manual current control of the UVP-30 at 3.6V.

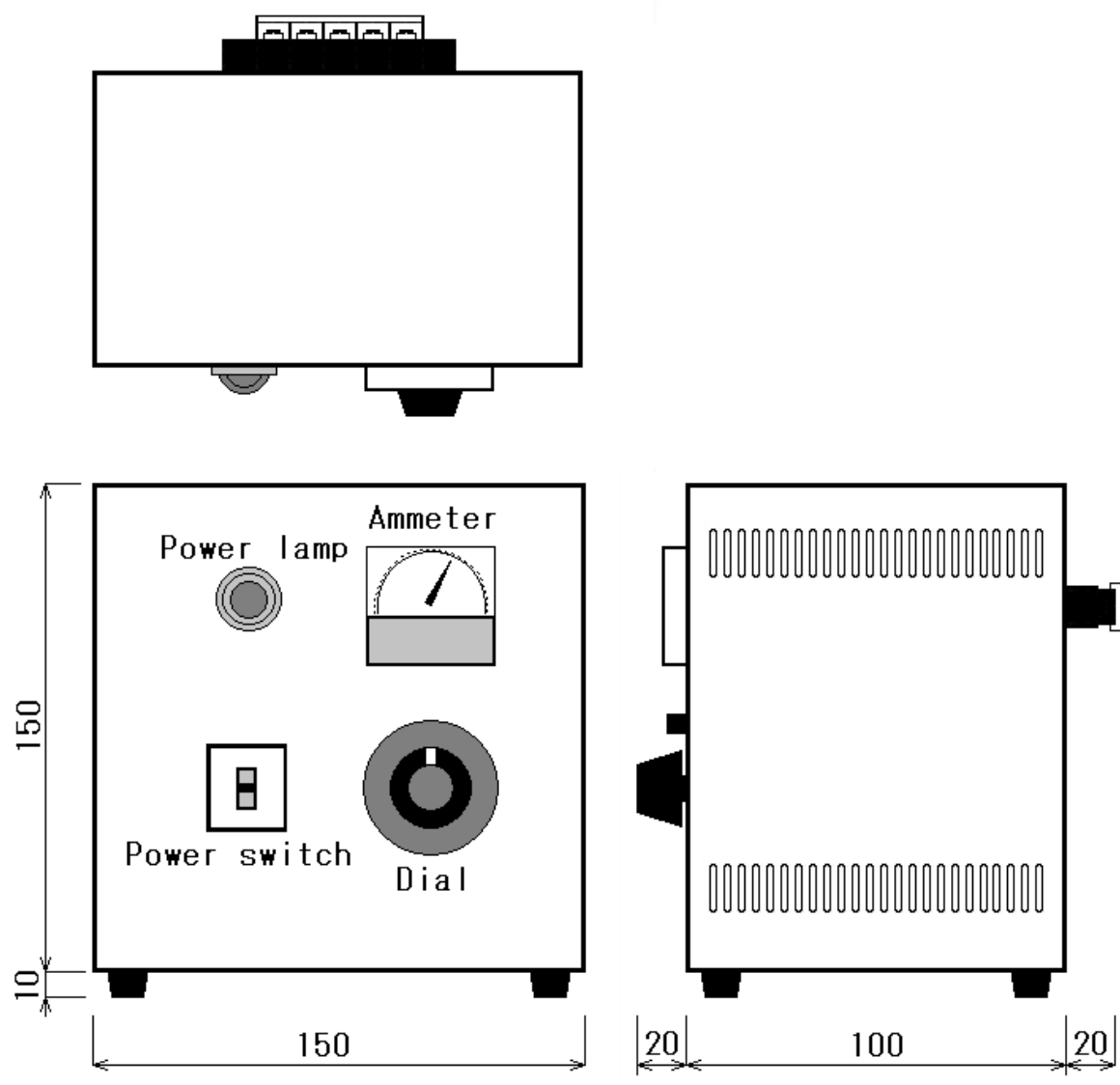


### 【Specifications】

D/#	Input Vpltage	Output Voltage	Ammeter
UVPC-3.6V-30mA	AC100~240V	DC3.6V	30mA
UVPC-3.6V-31mA	AC100~240V	DC3.6V	50mA
UVPC-3.6V-32mA	AC100~240V	DC3.6V	100mA

Paid additional specifications

D/#	Item and Description
FPR	Front Protection Rail
RPR	Rear Protection Rail
LH	Lifting Handle
Power Cable	Manufacture the specification of the power cable.



Input (V)	AC100V-240V
Output (V)	DC3.6V
Output (W)	0~0.2W
Ammeter	30mA
D/#	UVPC-3.6V-30mA
Model	Manual power supply controller for Ultraviolet rays point type irradiator UVP-30

Date  
2022.10.6

**Heat-tech**

No-touch High Temperatures Hating

# Heat-tech

**Heat-tech Co., Ltd.**

**<https://heater.heat-tech.biz>**

International Medical Device Alliance IMDA

1-6-5 Minatojima Minamimachi Chuoku Kobe 650-0047 Japan

TEL 81-78945-7894 FAX 81-78945-7895

E-mail [info@heat-tech.biz](mailto:info@heat-tech.biz)