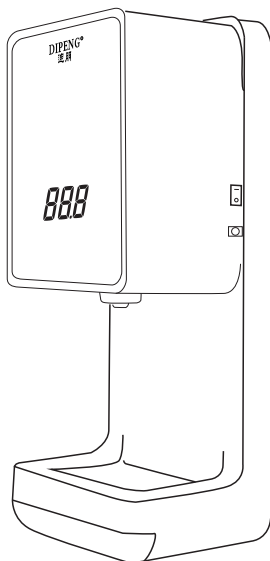


**DIPENG®**  
迪朋

Thermometer & Disinfectant  
Instruction Manual  
**DP-300**



- Thank you for purchasing the Dipeng DP-300 Thermometer & Disinfectant.
- For your safety and enjoyment, please read this manual thoroughly before use.
- Please retain this manual for further reference.
- For specific information about your own temperature, CONSULT YOUR DOCTOR.

**Notified**



The illustrations in the manual are merely design sketches, for demonstration purposes only.

# Important Safety Information

- These safety instructions must be strictly followed in use to avoid personal injuries and property damage are as follows:

## Warning

- Do not disassemble, repair, or modify the unit.



- Conducting self-diagnosis based on the measurement results and/or treatment can be dangerous. Please follow the instructions of your doctor.

- Do not use this unit other than for measuring the human body temperature.

- If there is a significant difference in temperature between the places where the unit is stored and where the unit is going to be used, please allow at least 30 minutes before use.



- Most disinfectants are volatile, please consume in time to avoid decrease in efficacy.

- The nozzles are consumables, please replace as instructed to avoid uneven spray or shortfall.

- This unit is a wallmounting type or need to be held securely in place before use. Stand loose may result in personal injuries or property damage.

- When the probe lens becomes dirty, wipe it lightly with a soft dry cloth or a cotton swab. Do not wipe the probe lens with tissue paper or acid/alkaline liquid.

- Please do not drop or stand on the unit, also avoid strong vibration or collision.

- During measurement, make sure that no mobile phone is within 30cm of the unit, this may cause an inaccurate reading.

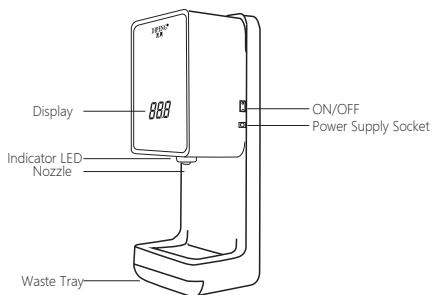


- Do not operate this unit near places that have strong electrostatic or emit electromagnetic wave, this may result in incorrect operation of the unit and/or cause an inaccurate reading.

- Please do not insert finger or any sharp object into the probe lens, this may cause damage to the probe lens and/or inaccurate readings.

- Do not use the unit to measure any item with a temperature higher than 80°C(176.0°F) .

# 1. Overview



## 2. Before Using

### 2.1 Included Accessories



Screws And Nuts



Nozzles



AC Adaptor



Rack For Wall Mounting



Funnel

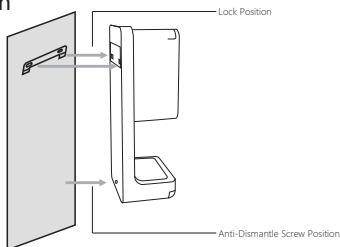


Key

### 2.2 Accessories List

Item	Quantity	Specification
AC Adaptor	1 Pcs	12VDC /2A (Max)
Rack For Wall Mounting	1 Pcs	155*35*1mm
Screws And Nuts	3 Sets	M5*35mm
Nozzles	5 Pcs	6*6*8mm
Funnel	1 Pcs	70*70mm
Instruction Manual	1 Pcs	118*165mm

## 2.3 Installation



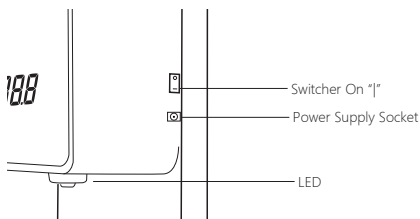
### Notified



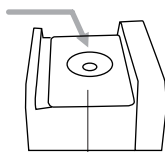
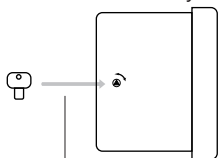
- If doubt in readings, please adjust measuring posture and take few more readings for comparison.

## 3. How To Use

3.1 Plug the power supply into the power socket on the side of the unit, turn the switch to "I". A "8888" will soon appear on the screen, and the indicator LED with breathing light circulates in green.



3.2 Use the key provided to unlock the top lid of the unit and remove the lid. Remove the cap of the inner container. Fill the container with adequate amount of disinfection liquid. Replace the cap and the lid, lock the lid with the key, keep the key in a safe place for future refill.



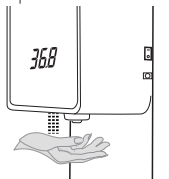
## Notified



Please only use the specified types of disinfection liquid.

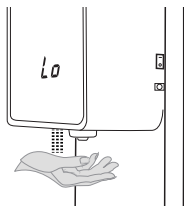
### 3.3 To Take Temperature And Disinfect Hands

3.3.1 To begin the procedure, reach both hands beneath the nozzle, make sure the inner side of the wrist is uncovered and exposed under the breathing light. Hold the position for more than 2s until the temperature result is displayed on the screen, then the nozzle will spray disinfectant for 1-2s, the procedure completed.

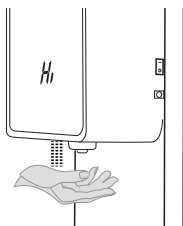


\*Black Dotted Line Is Measure Area

3.3.2 When the temperature result is below 32°C(89.6°F), a "Lo" sign will be displayed on the screen with the breathing light flashing in red.

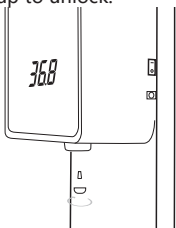


3.3.3 When the temperature result is ranging between 37.5°C~42°C(99.5°F ~107.6°F), the breathing light will flash in red. When the temperature result is above 42°C(107.6°F), only a "Hi" sign to be displayed on the screen.



## 4. Replacing Nozzle

4.1 When uneven spray or blockage occur, please replace the nozzle. Simply rotate the nozzle cap to unlock.



## 5. About Human Body Temperature

### Knowing One's Normal Temperature

In order to make a correct judgement on whether an individual is having a fever, it is important to understand what is the normal temperature range.

Body temperature varies from person to person, and will also vary according to the time of the day. In addition, body temperature also varies depending on which part of the body is being measured. In order to learn one's normal temperature range, please follow at least one of the following suggestions:

- Measure with the same unit.
- Measure at the same place.
- Measure at the same time of day.
- Be calm and relaxed.

### About Body Temperature

Body temperature refers to the stable temperature of the inner body(also known as core body temperature). While temperature measurements at the armpit or mouth provides surface temperature values, holding the thermometer steadily at the measurement point for approx. 10 minutes provides a temperature measurement more closely representing that of core body temperature.

Since inner wrist temperature measurement involves no bodily support of the thermometer, the resulting measured temperature is typically lower than that of the armpit or mouth. However, since the inner wrist has blood vessels that are much less prone to vascular constriction(a natural function of body temperature adjustment), it is supposedly a better measurement area for determining core body temperature, even in a lower temperature environment.

(Note that temperature measured at the inner wrist may still be influenced by other conditions, such as sweating, or wind from an air conditioner, etc. It is therefore advised to perform measurement in as stable an environment as possible.)

### For Accuracy



Please do not measure immediately after shower, bath or hand washing. Please dry and wait for a few minutes.



Please stay still during the temperature measurement, until the result is displayed on the screen.



Please do not measure immediately after intense exercise, or immediately after exposure to strong sunlight or sweating.



Please make sure the measuring area (inner wrist) is not covered by clothes, jewelry or watch etc., for an accurate reading.

## 6. Specification

Hardware	
Thermometer Chips	Melexis thermopile temperature measurement
Thermometer Distance	3 - 5cm
Temperature Correction	Self-calibration
Disinfectant Mode	Infrared sensor probe
Power Supply	DC 12V/2A
Thermometer Accuracy	$\pm 0.3^{\circ}\text{C}(\pm 32.54^{\circ}\text{F})$
Recognition Speed	<3S
Working Environment	
Store Environment	Indoor (avoid direct sunlight)
Working Environment	Temperature: $0^{\circ}\text{C}-35^{\circ}\text{C}$ ( $32^{\circ}\text{F}-95^{\circ}\text{F}$ ) Humidity: 10%-90%(No condensation)
Store Temperature	Among $25^{\circ}\text{C}(77^{\circ}\text{F})$ (No condensation)

## FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with a minimum distance of 20cm(7.9 inches) between the radiator and your body for 2.4GHz operations: Use only the supplied antenna.

## 7. Troubleshooting

Please refer to the table below for common issues/solutions. If the problem persists, please contact your local customer service for help.

Issue	Possible Causes	Solutions
Cannot be powered on to ready stage	-Not using the original adaptor(or not the correct voltage). -Adaptor or the power plug gone loose.	-Use the original adaptor; -Plug in properly and make sure the power supply is in order.
	The power plug is not plugged in properly, or the switch is not on.	- Re-plug the power plug; - Turn on the switch.
Spray not functioning properly	Hands are not reached into the sensing area.	Do not remove hands away from the sensing area immediately after temperature measurement and wait for the spray to take place.
	The nozzle is partially blocked.	Check whether the disinfection liquid needs a refill; if negative, replace nozzle.
Abnormal results	- The unit is exposed to direct sunlight; - The ambient temperature varies greatly; - Individual factors.	- Please avoid direct sunlight on the unit, or the accuracy of the thermometer might be compromised; -If the ambient temperature changed dramatically, or the unit has been moved from indoor to outdoor and vice versa, please allow some time for the thermometer components to adapt. -For details, please refer to <b>5. About Human Body Temperature</b>

\*If you wish to learn more about Dipeng products, please visit our website: [www.vision1999.com](http://www.vision1999.com) for more information.

Manufacturer:

Dipeng Appliances(Guangzhou) Co.,LTD

Manufacturer's Address:

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Tel: 0086-20-8270-8852

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