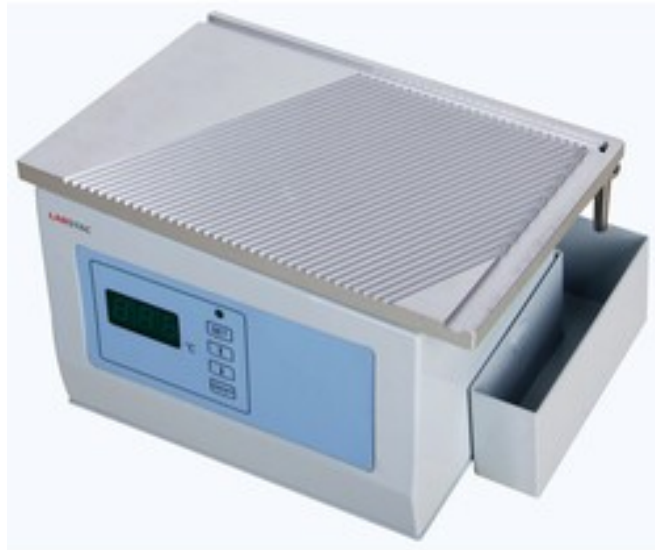


LABSTAC



OPERATION MANUAL PARAFFIN TRIMMER PTR11-230

www.labstac.com

Index

1. General Description.....	3
2. Technical Parameters.....	3
3. Display interface.....	3
4. Setting Control Panel.....	4
5. Operation.....	5
6. Appendix.....	5



01. General Description

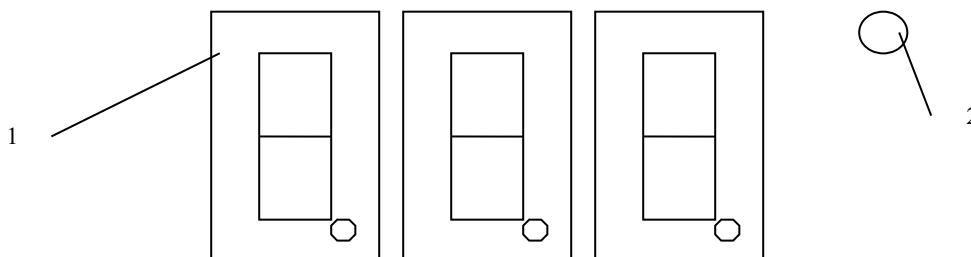
Paraffin Trimmer control part of is composed of STC89C51 and surrounding parts , fulfilling the function of input & output the data . The advanced inner PID control the heating evenly with accuracy.

02. Technical Parameters

- Size of Table : 1500×220mm
- Range of temperature : ambient~90°C
- Precision : ±1%
- Voltage : 230V±10%60HZ
- Power : 150W
- Current:0.5A
- Fuse: F1A/AC250V
- Overall dimension : 220 (L) ×160 (W) ×175 (H) mm
- Net Weight : 3kg.

03. Display interface

The display interface is composed of three nixie tube ,one LED luminous diode.
The nixie tube shows the present temperature and set temperature .The LED shows the heating state ,which is simple & clear.



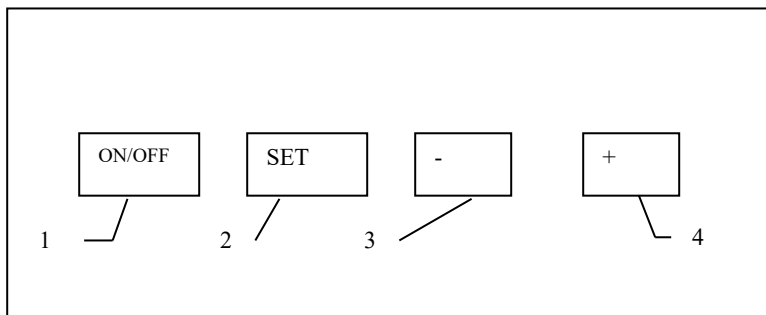
1. When press **SET key**, the three nixie tube shows set temperature , and the temperature can adjust by press **-or+ key** to required value .When System start or stop heating control , it shows present temperature .

2. When press **SET Key** , the LED is green showing the setting state which can set the temperature value then .

When start or stop heating control , the LED twinkle with red and the twinke frequency is changing with temperature change ; The LED is orange when it reach set temperature . The LED turn off when system stop heating.

04. Setting Control Panel

The control panel has four key: **ON/OFF**, **SET/ -/+** for operation of temperature setting and edit the program.



1. **ON/OFF key** , press this key and the instrument start off , press again , the instrument turn off.

2. **SET key** , This key is active when system is on stop heating state ,that is LED turn off , press this key to enter into temperature setting state , LED is green , and it shows set temperature value , and temperature value can adjust by - /+ Key . And it is inactive when it is on heating state.

3. **+ key** , the + key is active when system on temperature setting state and press this key to add the value of temperature . And it is inactive on the other state.

4. **- key** , the - key is active when system on temperature setting state and press this key to reduce the value of temperature and it is inactive on the other state.

05. Operation

Connecting the power line, turn on the power switch, the LED is light after the instrument turn on, and it is on stop heating state showing the present temperature.

1. Press **SET** key, the LED is green and shows set temperature, adjust the temperature value by press **-/ +** key to the required temperature.
2. Press **ON/OFF** key, the instrument start heating and the set temperature value conserved. The temperature does not need reset on next time. If the present temperature lower than set temperature, the LED is red and twinkle and the twinkle frequency is change with temperature. If present temperature reach to set temperature, the LED is orange and system is stable and will only fluctuate between 1 degree.
3. If want to stop heating, press ON/OFF key again and the LED turn off, the system is stop heating.

06. Accessories of This Oven

● **Product Alteration**

Reserves the rights of altering the technological parameters of the product without notifying in advance, because the instruments required to face to the alteration and improvement for technological progress.

● **Warranty Period**

Guarantees that all instruments manufactured by the company have been strictly and comprehensively checked on quality to guarantee the compliance with the technological standard.

The warranty conditions will be up to the sales agent responsible to you.

The warranty period is only valid for normal usage according to the specified conditions for the instrument and the circumstances of following the various regulations specified in the operational instruction manual.

Warranty terms are not applicable for the damages caused by misuse or improper operations of instrument and our company is not responsible for the above-mentioned damages either.

● **Discard and Disposal**

The discarded instrument or parts of instrument shall be disposed according to the existing relevant and effective laws and regulations.

We are pleased to offer you an environment-friendly disposal plan when you need to dispose the discarded Paraffin Trimmer.

● User's Service Information

Please contact the sales representative of the sales agent once sold the instrument to you if you require any service or parts during the warranty period. Please inform the instrument model, serial number and supply time. Doesn't accept any rejection of goods without any formal permission for rejection of goods.

Please pay attention to the following items if you will deliver the instrument back to :

a. The instrument or parts shall be disinfected or radioactive elimination treatment before sending back if viruses or radioactive substances have been connected with the instrument or the parts. Our user's service technician will be assigned to check this out clearly.

b. If you are sure that the instrument or parts are free from any radioactive or dangerous viruses, please get the suggestions on the possible methods for disinfection and radioactive elimination from your representative.

The instrument or parts will be directly sent back to the customer under the customer's expenses if possible infection dangers are still existed on the instrument or parts upon the arrival of the representative.

Please tell us the following information if you require technical services:

Model and serial number.

The place where the instrument is located and the contact person.

Reasons for service requirement.



LABSTAC

Email: contact@labstac.com
Website: www.labstac.com

