



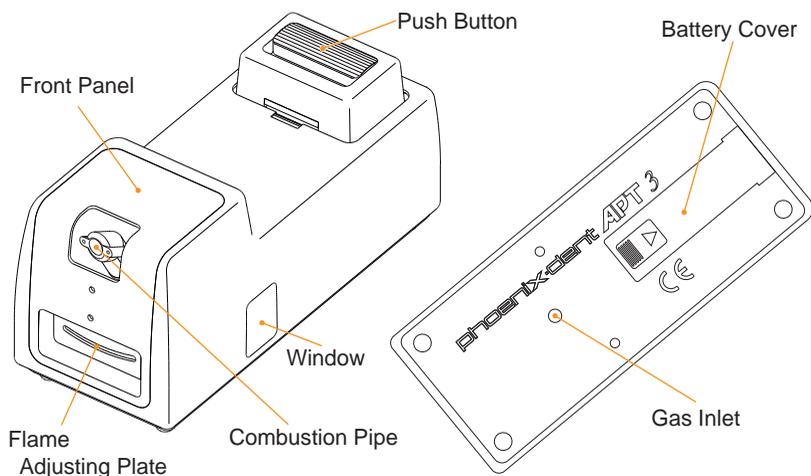
COSMO BIO CO., LTD.  
Inspiration for Life Science

TOUCH BURNER  
**APT. 3**®

INSTRUCTIONS

Please read and these instructions

## Parts Name



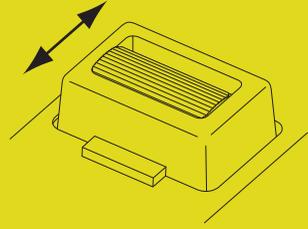
## Safety Instructions

1. This product uses flammable gas and could initiate high-temperature flame. Use with caution to avoid possible risk of fire or burns.
2. When you move the product, please put out a fire, remove a battery, and keep the push button locked by the lock slide.
3. Do not store this product in the vicinity of combustible materials or possible flammable chemicals.
4. Use this product in level, on a stable table.
5. Confirm that wax is not in the combustion pipe before use.
6. Do not use this product where flame is drift to sideways, such as near air conditioner, to avoid overheating the product which causes a fire.
7. Use this product in well-ventilated place. Prolong use in poor-ventilation room could carbon monoxide by incomplete combustion.
8. Do not disassemble this product. Do not remove stickers on the product.

## Terms of Use

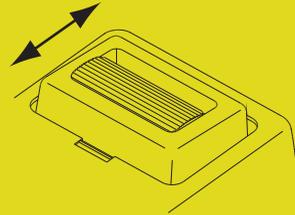
### ◎ *Method of lock and release*

1. Check if the push button is up.
2. If you move the lock slide to the front, the push button is locked and you can't ignite.
3. If you move the lock slide to the back, the push button is released and you can ignite.
4. Please hold the push button with your finger when you release it to prevent ignite.



### ◎ *Consecutive burning operation*

1. Please hold the push button and move the lock slide to the front to operate the consecutive burning.  
Please move the lock slide to
2. the back when you stop the consecutive burning, then the push button goes up and you can put out a fire.  
☆ Be careful about burn and a fire by checking ignition and putting out when you operate the consecutive burning.



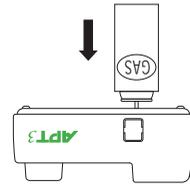
☆ Move the lock slide to the other side way tightly.

### ◎ *Installing the battery*

- Make sure push button is locked.
  - Open a battery cover on bottom of the product and place AA battery.
  - Be sure to close battery cover to avoid possible electrical shock.
- ☆ Please remove the battery when you move the body, put it away, or do not use it for many hours.

## ⦿ Gas filling

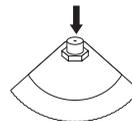
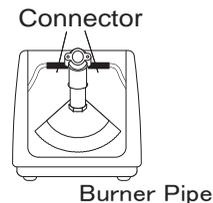
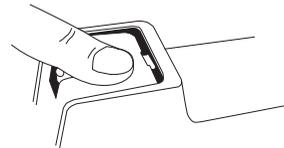
1. Make sure push button is locked and battery is removed.
2. Set the product upside down before you inset gas cartridge.
3. Fill a gas by inset the gas cartridge (for cigarette lighter) upright to gas inlet on bottom of the product.
  - ☆ Do not fill a gas in the vicinity of combustible materials.
  - ☆ Please take the body and a gas cylinder with your hand when you fill up.



## Cleaning the burner pipe

Dust may clog burner pipe and lead to an ignition failure. Clean it properly with following procedure.

1. Make sure push button is locked and battery is removed.
2. Keep pressing the upper part of front panel as pulling it forward, front panel will come off.
3. Remove the connector on both sides of burner pipe.
4. Hold burner pipe firmly and remove burner pipe by loosening a hexagon nut on bottom side of burner pipe with 7mm wrench.
5. Clean a pinhole as described on figure, with cotton swabs.
6. Wash burner pipe with hot water and dry it completely.
7. Reassemble burner pipe by inverting the steps 2 to 4.



## Troubleshooting

### ☆Does not spark

- Check the battery (ie: old battery, inserted in wrong direction,)
- Check the connector if it is disconnected. (Refer the instruction of cleaning a burner pipe step 3.).

### ☆It sparks but doesn't ignite

- Check inside burner pipe to see if any dusts are clogging burner pipe. (Refer the instruction of "cleaning a burner pipe").
- Try adjusting a fire power with flame adjusting plate. If firepower is too strong or too weak, it may not ignite. Check if a gas is filled in. Try filling a gas slightly.

### ☆It ignites but goes off quickly. Flame is not stable.

- Check if fire power is too strong. Try adjusting fire power lower.
- Check if a gas is filled in. If a remaining amount of a gas is low, fire power may not stabilize.
- Shortly after you filling a gas, pressure in a gas container is not stable therefore flame may not stabilize. Please forbear from using the product for 5 minutes after filling a gas.

## Warranty

The touch burner is warranted to be free from defects in materials or workmanship for a period of one year from your purchased date. We will replace defective products or parts without any charges for defects which have occurred during the warranty period, except for defects from conditions outlined below. Please note that defects described below are specially excluded from the our warranty policy.

1. Improper operation of the instrument.
2. Repair or modification by any person or company who is not authorised by Cosmo Bio Co., Ltd.
3. Use of fittings or other spare parts supplied by any person or company other than Cosmo Bio Co., Ltd. or Cosmo Bio official distributors.
4. Damage caused by any (in)-direct accident, neglect or misuse.
5. Damage caused by natural disasters.
6. Damage caused by any improper solvents or samples.

## Proof of Purchase

Please keep your below Warranty Registration sheet and receipt / invoice as a proof of purchase.

This will be required to demonstrate your warranty coverage.

Additionally, this will serve as a proof that your purchase was made at an authorized or official Cosmo Bio distributor. Our Limited Warranty only applies to products that were purchased from Cosmo Bio or Cosmo Bio official distributors.

Please fill out the Warranty Registration, and a copy of it to validate your warranty.

### **How to find product Serial Number**

Please remove the battery cover and check the printed label at the bottom of battery housing part.

# Warranty Registration

|                                  |  |                         |  |
|----------------------------------|--|-------------------------|--|
| Description : Touch Burner APT-3 |  | Cat. No. : PHD-APT3-EX  |  |
| Date Purchased:                  |  | Manufacturer' s<br>part |  |
| Serial No.                       |  |                         |  |

phoenix·dent CO., LTD.



**COSMO BIO Co., LTD.**

TOYO EKIMAE BLDG. 2-20, TOYO 2-CHOME,  
KOTO-KU, TOKYO 135-0016, JAPAN  
TEL : (81)3-5632-9617  
FAX : (81)3-5632-9618  
e-mail : export@cosmobio.co.jp  
URL : www.cosmobio.com



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