

a little big tool

Plasma Pipette

User's Manual

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Main & Parts



Plasma Pipette &
AC Adapter



Extension Tube
(OD. 4mm)



Power Cable



S Type Tip set
(A, B, C)



F Type Tip

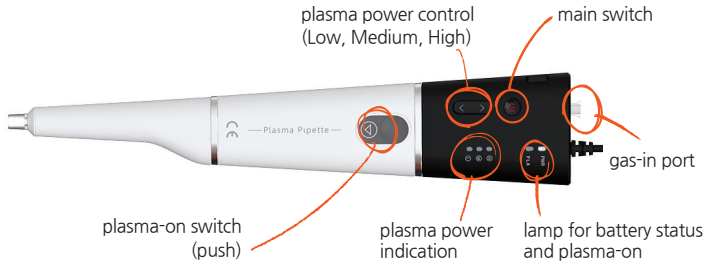


Plasma
Pipette Case



User's
Manual

Function



How to use

After use,
please turn off
the power switch
and unplug the
power cord.



1

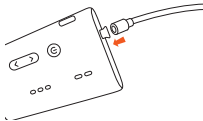
Connection

Plug the power
cable in.

2

Gas supply

Connect Extension tube to the
gas-in port. Connect Extension
tube to a gas tank.



3

Tip assembly

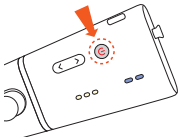
Select the right Tip
depending on your
purpose.



4

Turn on

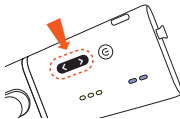
Press the main switch for 2 seconds to power on the product.



5

Plasma power control

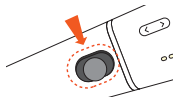
Set plasma power by selection L, M, or H using power control buttons.



6

Plasmas-On

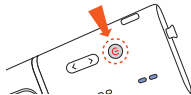
When the 'Plasma On switch' is pressed (pushed), the gas is released immediately and the plasma generation is followed after 0.5 seconds.



7

End

Releasing the Push Switch, gas tube will be closed, and plasma spraying will be stopped. Press the Power Button at least 3 seconds to turn the device off.



Gas use

We Recommend using Argon as the main gas.
Do not use any explosive or corrosive gases with the Plasma Pipette.

Tip Selection

S-Type Tip & F-Type Tip

Single-use

* Recommend replacement after use

S-Type Tip

A



converging tip
(smaller treating area, denser)

B



diverging tip

C



short flame tip
(higher density)

F-Type Tip



Type Selection

S Type Conductor (including semiconductor) is not allowed, High performance in closed space. Ex) tube, micro channel, etc.

F Type All materials are allowed.

Specification

Material	Plastic, Metal		
AC Adapter Input	100-240V ~ 50/60Hz 1.2A Max	AC Adapter Output	5V, 4A
Body size	52(W) x 76(D) x 270(H) mm	Box size	310(W) x 80(D) x 85(H) mm
Power Cable Length	10.2 inch	Weight	0.8 lb

Precautions

Be sure to read the instructions and precautions before using.

1. Keep away from plasma discharge which may result in a burn, or bodily injury.
2. It is recommended to use in a well ventilated laboratory.
3. Take care there are no gas leaks. We are not responsible for any problems cause by gas connection issues.
4. Use an appropriate gas cylinder and pressure regulator to provide the correct gas flow and monitor gas usage.
5. We are not responsible for the situation when using the device without following (our) the manual.
6. Do not operate without gas supply.
7. Self-repairs and any modifications are prohibited.

Warranty & A/S



Warranty

If there is a problem with the operation of the product within 1 year of purchase, free repair is provided.

Out of warranty

1. When the warranty period has expired.
2. When disassembling and reassembling a product.
3. Intentionally breaking the Plasma Pipette voids the warranty.

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