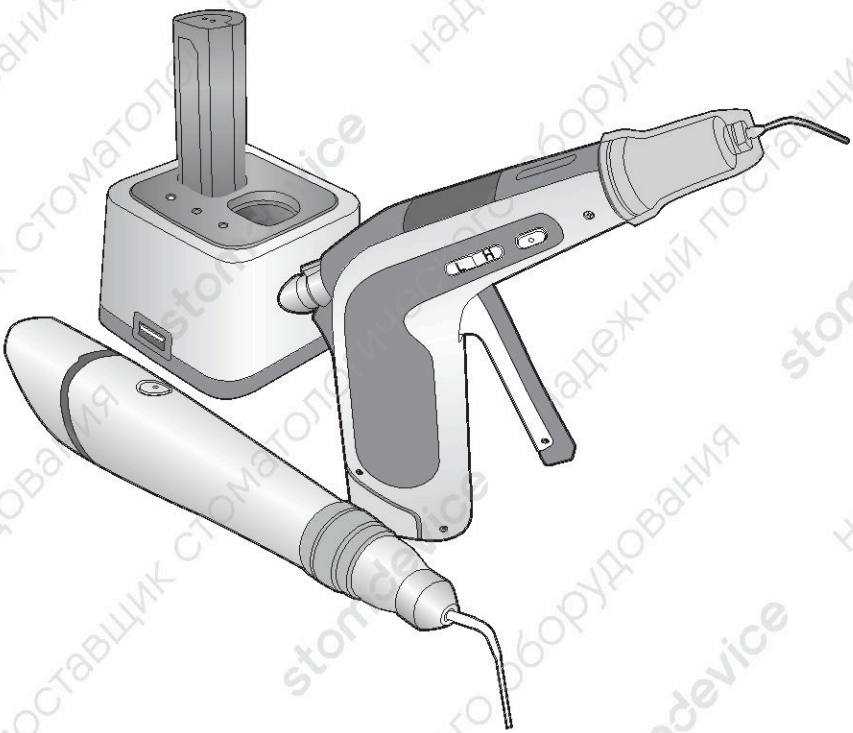
stomdevice

System B™ Cordless

OBTURATION



System B **Pack**

System B **Fill**

SybronEndo
Sybron Dental Specialties

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

INTRODUCTION

Thank you for purchasing the System B™ Cordless Obturation System! You are now an owner of the premier cordless obturation system.

Included in this manual are instructions for both the System B Pack and System B Fill devices. Read the manual carefully before operating the instruments.

INDEX

Introduction, Index, Specifications, Warnings 1, 2

Parts 3, 4

Charging Cordless Units 5, 6

System B Pack 7

System B Pack Operating Instructions 8, 9

System B Fill 10

System B Fill Operating Instructions 11–14

Cleaning and Maintenance 15, 16

Sterilization and Disinfection 17

Trouble Shooting 17

Disposal 18

Warranty and Exclusions 19

SPECIFICATIONS

System B Pack	Dimension	173mm x 30mm x 23mm (W x L x H)
	Weight	25g (Excluding battery)
	Operating Voltage	3.7V ⎓
	Working Temperature	180°-200°C
System B Fill	Dimension	190mm x 130mm x 28mm (W x L x H)
	Weight	40g (Excluding battery)
	Operation Voltage	3.7V ⎓
	Working Temperature	50°C - 200°C
Battery	SamsungSCI Co., Ltd. 1CR19650-22++3.7V ⎓ 2200mAh	Lithium-ion battery
	SamsungSCI Co., Ltd. 1CR19650-22++3.7V ⎓ 2200mAh	
	LG Chemical Ltd. 1CR19650-22++3.7V ⎓ 2200mAh	
Charger	Input 9V ⎓	
	Size: 74mm x 74mm x 55mm	
Adapter Use only with Bridge Power Corp. Model.	Bridge Power, Model: JMW118KA0900F02	
	Input 100-240V ~,50/60Hz	
	Output 9V ⎓, 2.0A	
	Size: 84mm x 46mm x 32mm	

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

⚠ WARNINGS

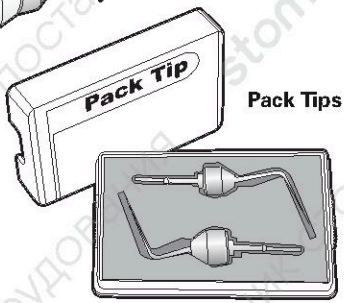
- Failure to follow warning instructions could result in property damage, serious physical injury or loss of life.
- Connect power cord to outlet firmly.
- Do not use if cord or plug is loose or broken.
- Do not touch battery terminals to conductors.
- Do not touch electric parts with wet hands.
- Avoid contact with heated needles and tips to avoid burns.
- Do not disassemble. Disassembly will void warranty.
- Keep device(s) clean.
- Do not drop device(s).
- Dental use only.
- Do not immerse product in water.
- Only use with provided power cord (5-15 Type SJT, min. No. 18 AWG, 3-connector terminating in molded on "Hospital Grade" plug (green dot), parallel plate, grounding type attachment plug, rated minimum 15 A, 125 V, 4.0 m long max. Cord should have a tag indicating that grounding reliability can only be achieved when the equipment is connected to an equivalent receptacle marked "Hospital Only" or "Hospital Grade").
- Electrical Shock/Fire Danger. Do not leave any part of the device near a heating source.
- Keep away from children.
- Disconnect unit from outlet during severe weather.
- When disconnecting plug from outlet, pull by the plug head.
- When the unit is used together with other equipment in the patient area, the equipment shall be connected according to Standard UL 60601-1, CSA C22.2 No 6060101 and IEC 6060101.
- This equipment generates, uses, and can radiate frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to other devices in the vicinity. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to other devices, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of more of the following measures;
  - o Reorient or relocated the receiving device.
  - o Increase the separation between the equipment.
  - o Connect the equipment into an outlet on a circuit different from that to which the other device(s) are connected.
  - o Consult the manufacturer or field service technician for help.

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

PARTS – SYSTEM B PACK

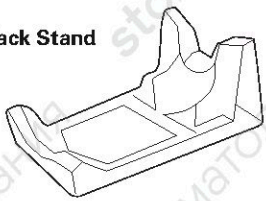
System B Pack



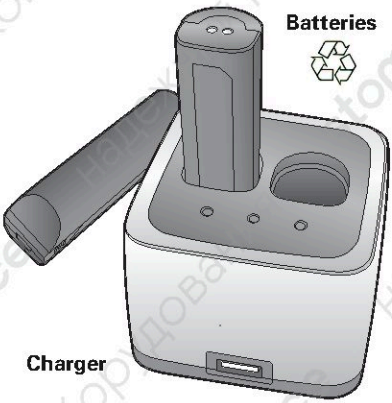


Pack Tips

Pack Stand



Batteries



Charger

Additional Accessories | AC Adapter, Power Cord, Plug Adapters and USB Cord

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

PARTS – SYSTEM B FILL

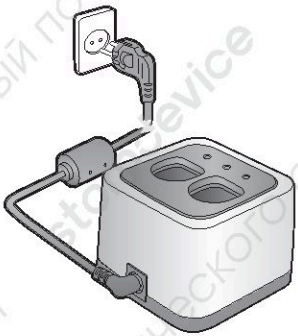


Additional Accessories | **AC Adapter, Power Cord, Plug Adapters and USB Cord**

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

CHARGING CORDLESS UNITS

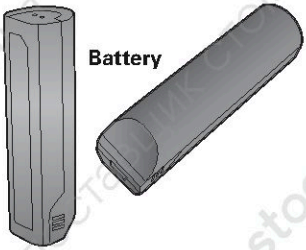
1



⚠ **CAUTION:** Use provided AC adapter only. Danger of explosion or fire if correct adapter is not used.

CAUTION: Do not use provided adapter with any other product.

2



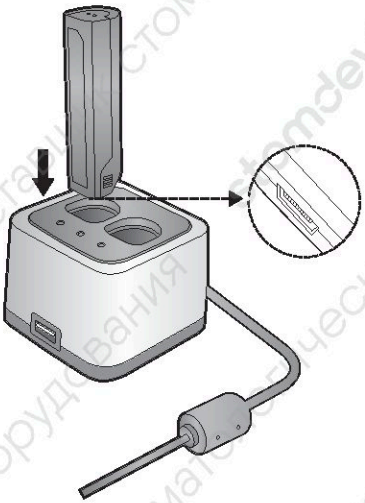
⚠ **CAUTION:** Danger of explosion or fire if damaged.

CAUTION: Do not use batteries which are not specified for this product.

CAUTION: Always check that battery in the receiver is fully charged before use. Use only provided batteries, and never remove battery from receiver during procedure. If product is not used for an extended period of time, please separate battery from receiver unit.

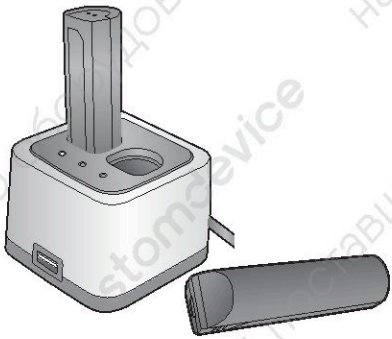
3

Charging battery
Insert battery properly into charger so terminals on battery connect to terminals in charger.



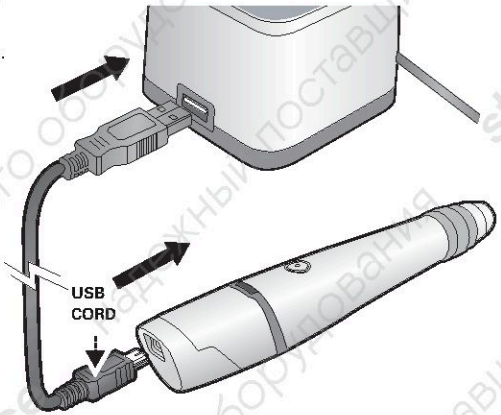
4

Battery charging battery
Light will be orange when battery is placed in charger. When battery is fully charged, light will turn to green.

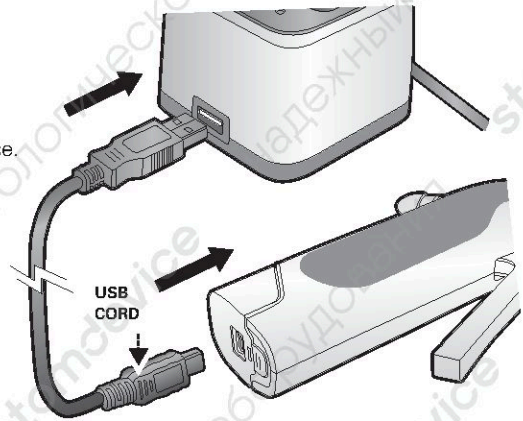


https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

System B Pack direct charging
Connect USB cord to charger and Pack Device.



System B Fill direct charging
Connect USB cord to charger and Fill Device.

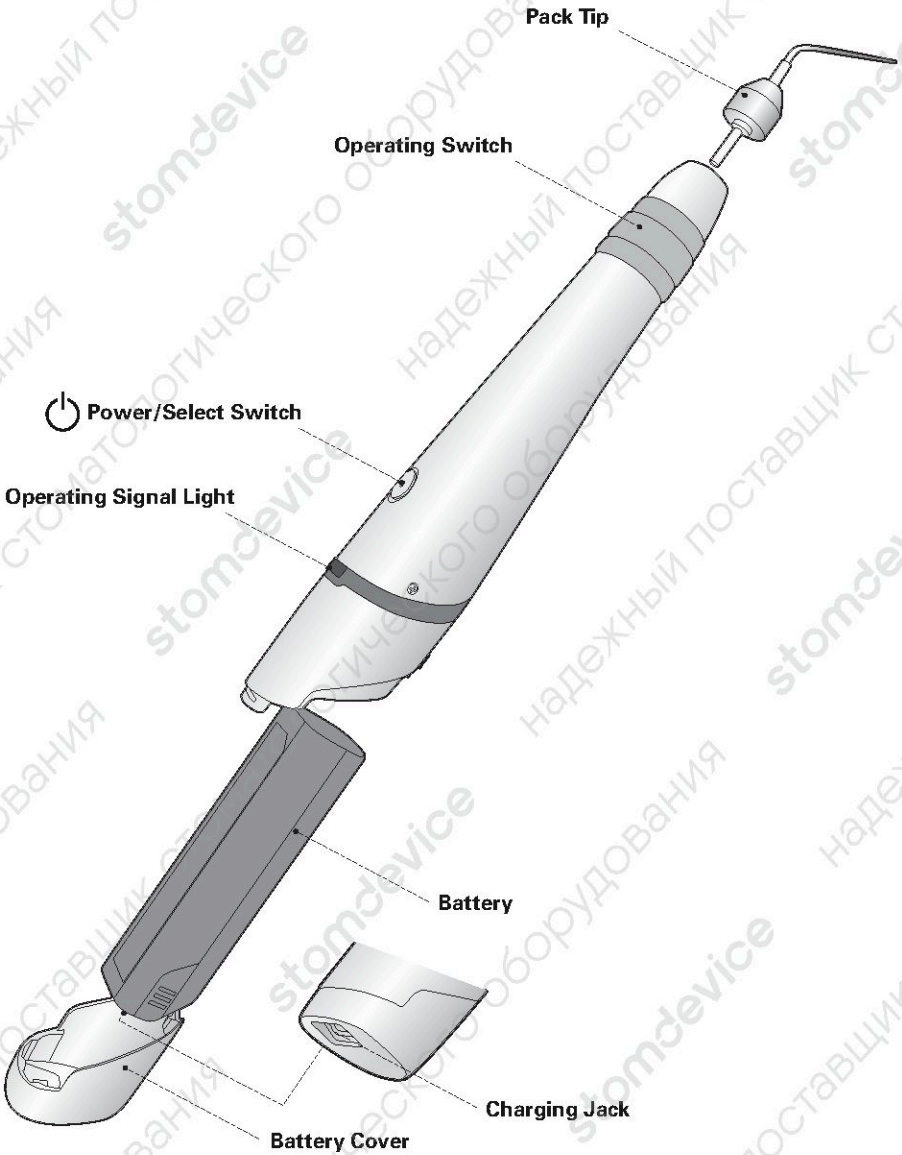


⚠ **CAUTION:** Do not connect to PC USB jack. Danger of serious damage to PC and possible battery explosion. USB cord is for charging battery only.

CAUTION: Do not use Cordless Units while connected to charging cord.

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

SYSTEM B PACK

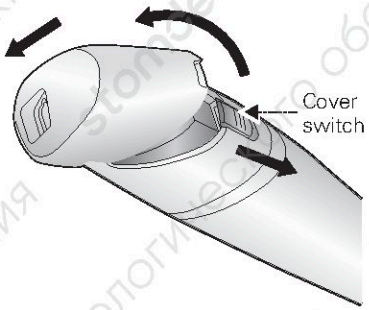


CAUTION: Do not use unit when charging with charging cord.

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

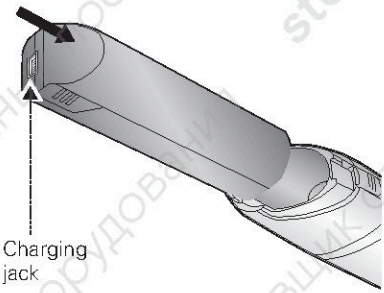
1

Open battery cover

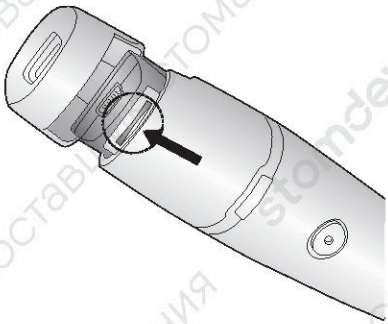


2

Insert battery



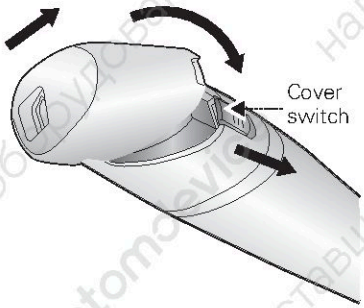
3



⚠ **CAUTION:** Do not touch electrical circuit or electrical parts when using unit.

4

Replace battery cover

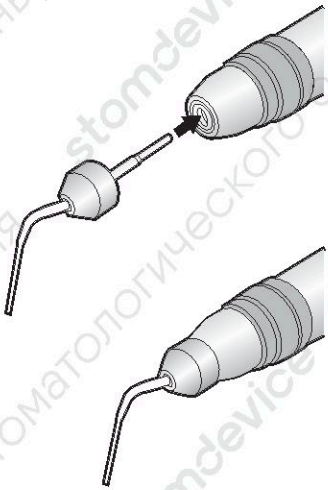


https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

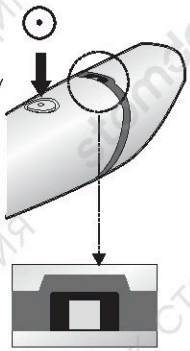
5

Before using Pack Unit, mount Tip into Unit.



6

Press Power/Select Switch to turn on. Toggle between low and high power settings by briefly pressing switch.



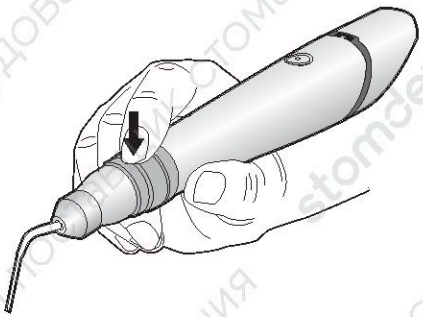
Light is illuminated when unit is on.

Low power = Green light
(used for small Pack Tips and Resilon – XF, F, FM)

High power = Orange light
(used for larger Pack Tips – M, ML)

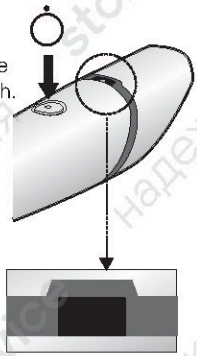
7

Activate unit by pressing operating switch. When activated, tone will be heard and light will flash rapidly.



8

Turn off the power by holding down the Power/Select switch.

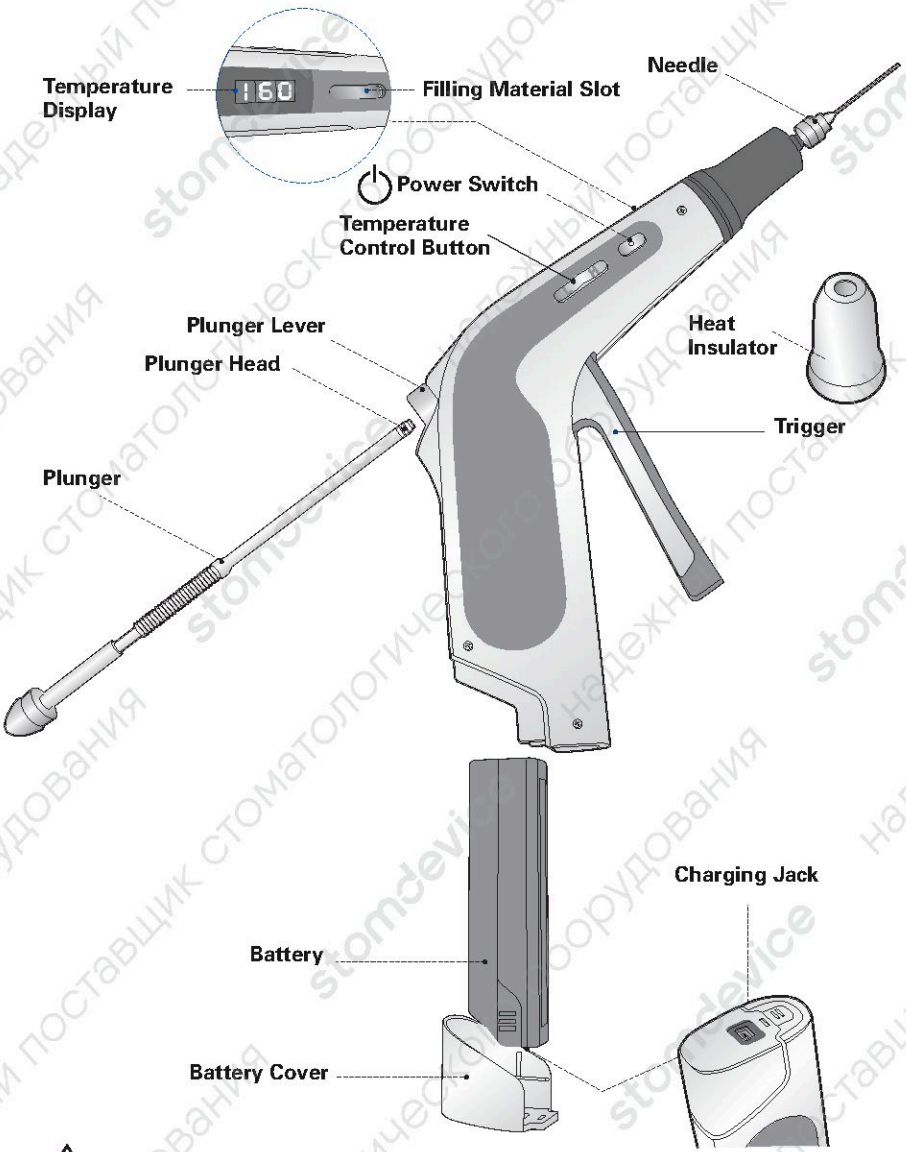


Turn off the light

⚠ **CAUTION:** Don't use the Unit when charging with the charging cord.

Note: Light will flash slowly when battery needs to be recharged.

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ



⚠ **CAUTION:** Do not use Unit when charging with the charging cord.

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

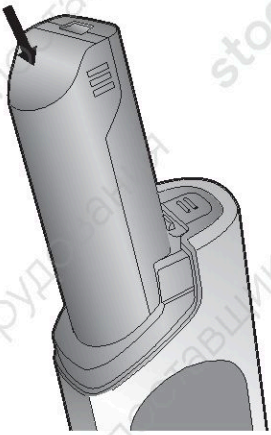
1

Open battery cover.

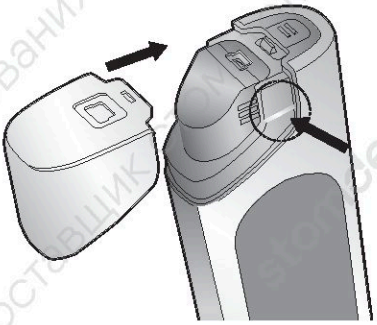


2

Insert battery.



3



4

Replace battery cover.

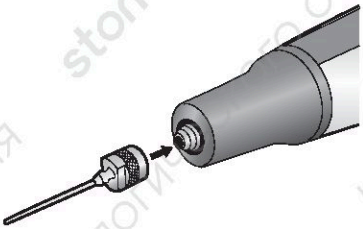


CAUTION: Do not touch electrical circuit or electrical parts when using unit.

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

5

Attach needle and fasten tightly with multi-tool provided.

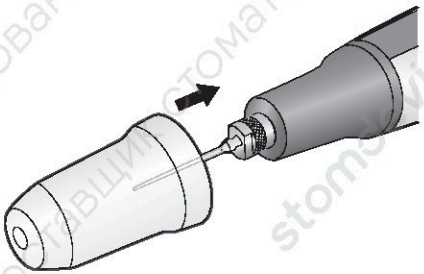


6



7

Position heat insulator.



⚠ **CAUTION:** You must place heat insulator on Unit prior to operation/heating to avoid burns.

8

Bend needle with tool provided.

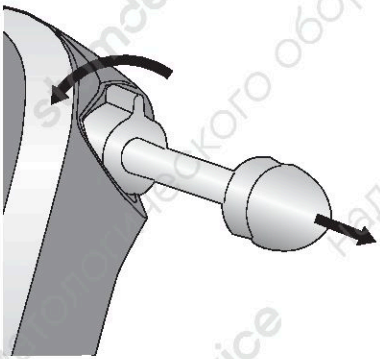


⚠ **CAUTION:** Do not bend needle more than once.

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

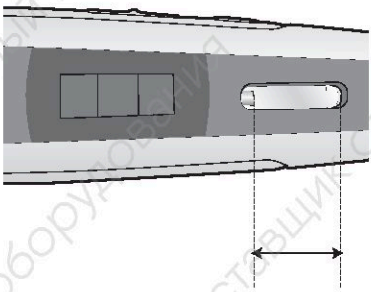
9

Pull out plunger.



10

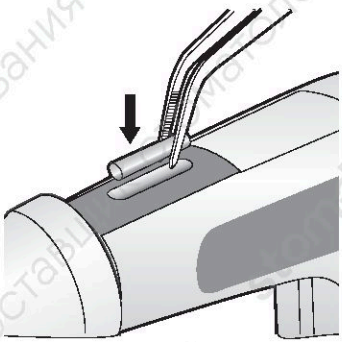
Open filling material slot.



⚠ **CAUTION:** Only use one pellet at a time

11

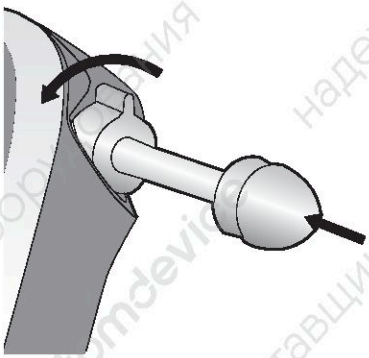
Insert filling material.



⚠ **CAUTION:** To avoid damage to Device, load pellet prior to operation.

12

Insert plunger.

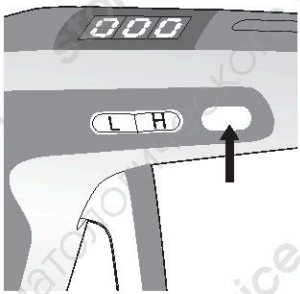


⚠ **CAUTION:** If plunger stops advancing, DO NOT FORCE. Pellet may not be to temperature or all material may have been extruded.

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

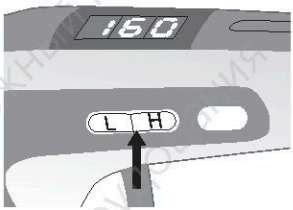
13

Press the power button until temperature is shown.



14

Adjust temperature using temperature control button.
"L" = Lower temperature.
"H" = Raise temperature.



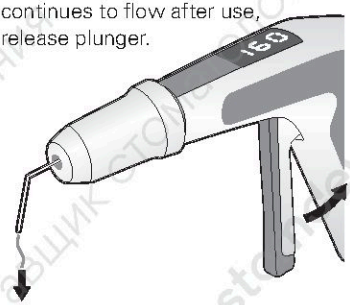
⚠ **CAUTION:** Do not use Resilon® or RealSeal pellets above 180°C.

Note: Device is automatically preset to 160°C. It will take approximately two minutes to reach adjusted temperature.

Note: For use with RealSeal or Resilon products, the recommended temperature is 180°C.

15

Once fully heated, pull trigger slowly. The plunger will advance approximately 2mm when trigger is pulled. If filling material continues to flow after use, release plunger.



⚠ **CAUTION:** Do not operate if Device is not properly heated. Use new needle and heat insulator with each new application.

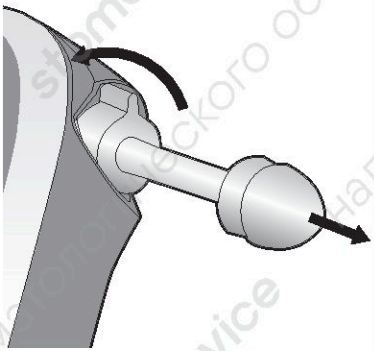
Note: Prior to removing used needles, extrude remaining material. Remove needle using tool provided. Replace plunger when it shows wear or is damaged.

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

1

Product should be cleaned after each use.

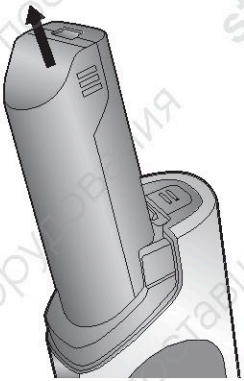
Remove plunger.



⚠ **CAUTION:** Ensure Devices are cool prior to cleaning.

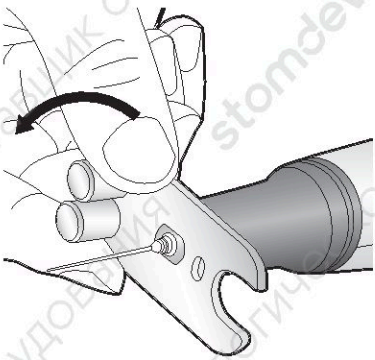
2

Remove battery.



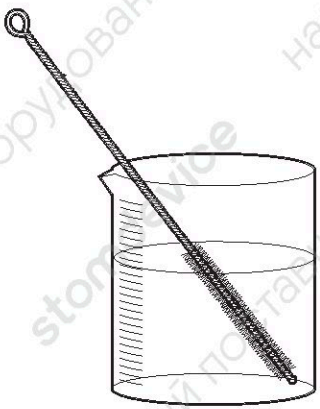
3

Remove heat insulator and dispose of appropriately. Remove needle using tool provided and dispose of in sharps container.



4

Soak cleaning brush in alcohol.



https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

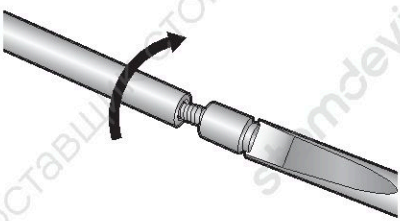
5

Clean cylinder using brush. Remove all visible filling material from threaded end of heating chamber.

Repeat procedure until clean.



Unscrew head from plunger and replace with new head.



Note: Plunger head is a consumable part. Replace when head shows wear.

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

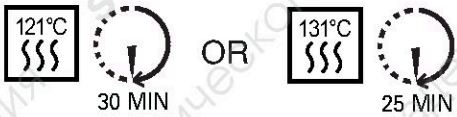
stomdevice

STERILIZATION AND DISINFECTION

Pack Unit, Fill Unit, Stands and Charger

Instruments should be wiped down with a soft cloth moistened with any of the common nonabrasive, mild surface disinfectants containing alcohol. SybronEndo recommends CaviCide or CaviWipes by Metrex. Do not immerse these devices in liquid or allow liquids to enter the enclosures.

Tips, Needles, Heat Insulator and Multi-Tool



TROUBLE SHOOTING

Unit does not activate

- Push power button and hold for 2 seconds
- Ensure battery is correctly inserted
- Replace battery with fully charged battery

Pack Unit does not work when operation button is pressed

- Ensure power/operation light is on
- Replace Pen Tip

Filling material does not extrude

- Ensure power is on
- Ensure pellet is in place
- Ensure temperature is set to 160°C or higher
- Replace needle
- Replace plunger head

Fill Unit temperature does not increase

- Replace battery with fully charged battery

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

SYMBOLS

Symbol	Description
	Attention: Consult directions for use.
	Risk of shock
	Risk of burn
	Autoclavable accessories as indicated in this manual
	Do not dispose of in trash. Recycle per local regulations.
	Type B applied part
	Stand by
	Stack up to 12 boxes
SN	Serial number
REF	Part number
EU REP	EU Representative
	Manufacture
	Direct current
	Alternating current
	On (power connection)
	Off (power connection)

DISPOSAL

This unit contains compounds that can pollute the environment if disposed of carelessly. Please contact your nearest representative office or your local environmental office in case of disposal of this unit.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

Battery: Recycle per local regulations.
Tips/Needles: Dispose of as sharps.

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

WARRANTY AND EXCLUSIONS

Warranty

SybronEndo warrants the non-consumable components of System B Cordless obturation system to be free from defects in materials and workmanship for a period of two (2) years from the original date of purchase, in accordance with SybronEndo's warranty regulations. The System B Cordless battery is warranted to be free of defects in materials and workmanship for a period of six (6) months. If the System B Cordless shows any defect within the specified warranty period that are not excluded from this warranty, SybronEndo shall, at its discretion, either replace or repair System B Cordless using suitable new or reconditioned parts. In the case other parts are used which constitute an improvement, SybronEndo may, at its discretion, charge the customer for the additional cost of these parts. If the warranty claim provides to be justified, the product will be returned to the user freight prepaid. Warranty claims other than those indicated herein, are expressly excluded.

Exclusion

Damages and defects caused by the following conditions are not covered by the warranty:

1. Improper handling/disassembly/modifying, neglect or failure to operate the unit in compliance with the instructions given in the Instruction for Use/User Manual.
2. Damages and defects caused by force majeure or any other condition that is beyond the control of SybronEndo.

SybronEndo
Sybron Dental Specialties

System B Cordless is a trademark of Ormco Corporation d/b/a SybronEndo.

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

stomdevice

Environmental Operation

Temperature	-20°C to 40°C / -68°F to 104° F
Humidity	5% to 90%
Pressure	700–1060 hpa

Storage and Transportation

Temperature	-20°C to 50°C / -68°F to 122° F
Humidity	5% to 90%
Pressure	700–1069 hpa

Manufactured for SybronEndo
A Division of Sybron Dental Specialties
Glendora, CA 91740
Tel: 800.346.ENDO Tel: 714.516.7936
sybronendo.com

META BIOMED CO. LTD.
Cheonwon-gun, Chugbuk, Korea
Tel: +82.43.216.0433
meta-biomed.com

EC REP **Technical & General**
1A Dalling Road, London W6 OJD United Kingdom
Tel: +44.30.8834.7575
www.tgdent.com

SybronEndo | *Safe files, superior fills.*
Sybron Dental Specialties

0120

© 2010 SybronEndo

OM-53-0

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ