

BATTERY CHARGER OPERATION

- If the yellow "Low Battery" light appears during the destruction process, flash destroying the needle currently being destroyed but do not continue with additional needles.
- The device will not efficiently oxidize additional needles until the battery is charged or replaced with a charged battery.

CHARGING AND MAINTAINING A BATTERY

- Connect the charger into a grounded wall socket. (110 VAC)
- Connect the barrel attached to the 12 volt line cord coming from the charger to the adapter plug located in the back of the Disintegrator where indicated by the label.

When not in use for long periods, maintain a maximum charge by keeping the charger connected to the unit. The Disintegrator charger will not overcharge the battery. The device may be continuously connected to the charger.

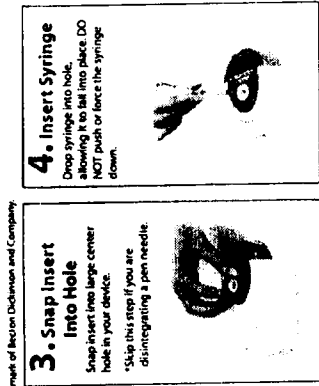
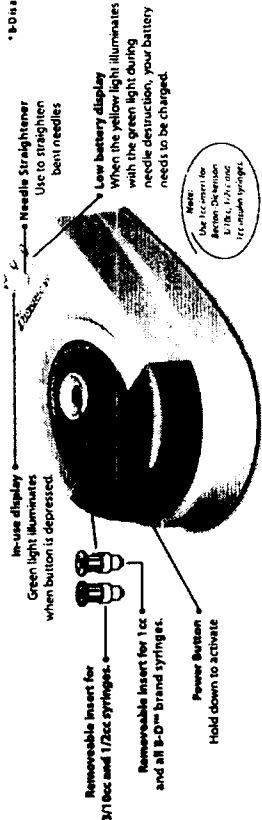
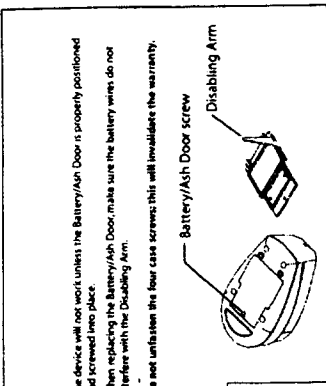
BATTERY REPLACEMENT/INSTALLATION BATTERY REMOVAL

For ease of operation, place back of unit over edge of table so that the battery door may be pushed down easily.

Ash Door Removal/Battery Replacement

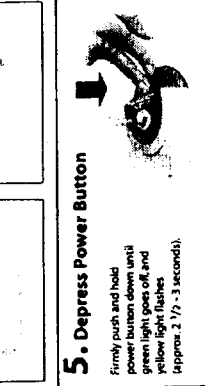
Ash Door Removal - Remove the Battery/Ash Door screw and carefully remove the cover. Remove any ash or bits of melted needle that may have collected in the reservoir. Replace the door and the screw.

Battery Removal - Follow above directions to remove Battery/Ash Door. Remove battery and unplug it. Connect the new battery and replace. Replace the Battery/Ash Door and the screw.



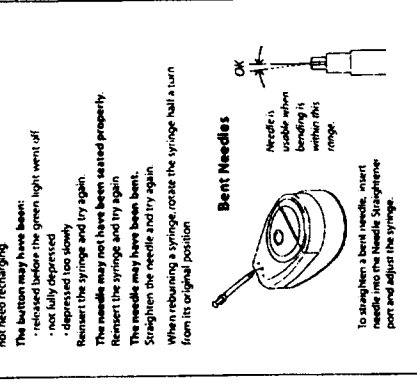
Directions for Use:

DO NOT operate the Disintegrator before reading and understanding all operating instructions, especially information about techniques for using the device and charging the battery.



Indications for Use

The Disintegrator is an over-the-counter insulin needle destruction unit for home use. It is a sharp needle destruction device that is designed to accommodate 21-30 gauge insulin needles, 5/16 to 1/2 inch in length, attached to insulin pens and disposable 1/2cc to 1cc volume insulin syringes.



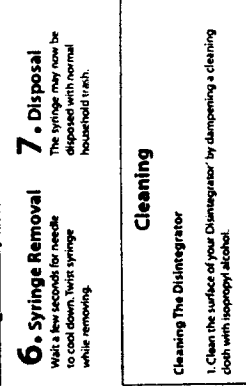
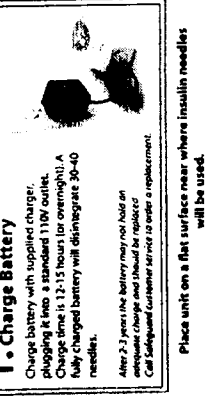
Initial Disintegrator Setup and Charging the Battery

The battery must charge for 12 hours before operation.

1. Charge Battery

Charge battery with supplied charger, plugging it into a standard 110V outlet. Charge time is 12-15 hours (or overnight). A fully charged battery will disintegrate 30-40 needles.

After 2-3 years the battery may not hold an adequate charge. Call Safeguard Medical Devices to order a replacement.



Precautions

DO NOT TOUCH THE NEEDLES STUB AFTER REMOVAL FROM THE UNIT AS IT MAY REMAIN HOT FOR SEVERAL SECONDS

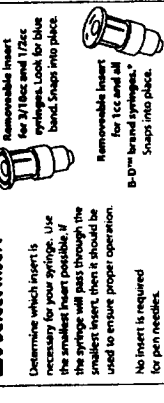
DO NOT attempt to operate with battery/ash drawer removed or place hands within unit.

DO NOT operate the Disintegrator before reading and understanding all operating instructions, especially information about techniques for using the device and charging the battery.

DO NOT touch the Disintegrator if it is dropped in water when plugged in, unplug the charger. Contact the manufacturer prior to attempting further use.

DO NOT immerse the unit in water or other cleaning solvent or fluids. Follow the recommended cleaning instructions.

Electrical safety features are designed for the intended use of this product. Use of this device for any other purpose than those intended may cause electrical malfunction and permanent damage to the device.



6. Syringe Removal

Wait a few seconds for needle to cool down. Twist syringe while removing.

7. Disposal

The syringe may now be disposed of with normal household trash.

Technical Specifications:

Applicable safety standards

SUPPLY: Rechargeable battery with 110V external charger supplied

SIZES (cm): 11.2 x 8.9 x 6.1

WEIGHT: 348 g (12.3 oz)

HEIGHT: 672 (mm)

WEIGHT: 672 (grams)

ING: Individually packed

GE DIMENSIONS (mm): 20 x 23.5 x 7

ING: The unit disintegrates up to 40 needles between charges. Battery recharges in 12-15 hrs.

Device Description

The Disintegrator is a home use, portable sharp insulin needle destruction device for diabetic. It uses electrical current to incandesce insulin hypodermic needles 5/16 to 1/2 inch in length. Insulin pens and disposable insulin syringes of 1/2 cc to 1 cc are used. The Disintegrator uses a rechargeable 9.6-volt battery to deliver an electrical current to produce an arc of electricity at the tip of the needle. This arc of electricity melts the tip of the needle and disintegrates the needle. Any bits of melted metal during the process are collected into a chamber where the metal is sealed and does not need to be emptied. The remaining material on the hub is less than 1/16th inch in length. The device includes a small molded part at the top, which is a needle straightener. Use in straightening needles that are bent prior to use. The Disintegrator uses a large button at the switch to activate the device and a large button at the top of the unit to activate the device and activate the circuit that supplies the charge. A low battery charge light that is yellow, which is found at the top of the unit, indicates when the Disintegrator battery should be recharged. A fully charged battery will disintegrate 30-40 needles. The Disintegrator unit can be partially recharged by a wall transformer. The Disintegrator can be wall transformed. The Disintegrator can be wall transformed with a 15 to 20 watt transformer. The device exterior surface is off-white PCV ABS flame-retardant. The device exterior surface is off-white PCV ABS flame-retardant. The device exterior surface is off-white PCV ABS flame-retardant. The device exterior surface is off-white PCV ABS flame-retardant. The device exterior surface is off-white PCV ABS flame-retardant. The device exterior surface is off-white PCV ABS flame-retardant.

Safeguard Medical Devices

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LABELING

Device Description

The Disintegrator™ is a home use, portable sharps insulin needle destruction device for diabetics. It uses electrical current to incinerate 27-30 gauge insulin hypodermic needles 5/16 to 1/2 inch in length attached to insulin pens and disposable insulin syringes of 1/3 cc to 1 cc volume in size. The Disintegrator uses a rechargeable 9.6-volt battery to deliver an electrical current to produce an arc of electricity directed at the tip of the needle. This arc of electricity melts the tip of the needle and disintegrates the needle. Any balls of melted metal that fall off during the process are collected into a chamber where the ash or ball is sealed and does not need to be emptied. The remaining stub of the needle on the hub is less than 1/16th inch in length. The device also includes a small molded port at the top, which is a needle straightener for use in straightening needles that are bent prior to destruction. The Disintegrator™ uses a large button as the switch to turn on the device and activate the circuit that supplies the charge. There is a low battery charge light that is yellow, which is found at the top of the device. Before first use, the Disintegrator battery should be charged for 12 hours. A fully charged battery will disintegrate 30-40 needles before needing to recharge. The Disintegrator™ unit can be powered from a battery and/or AC current by a wall transformer. The battery can be partially recharged by the wall transformer within 45 to 90 minutes. The Disintegrator™ can be utilized when the battery is recharging. The device exterior surface is off-white PC/ ABS (flame-retardant) Resin with a blue needle port. The tear shaped Disintegrator™ measures approximately 6"X 4" X 2" and weighs 2 pounds. The Disintegrator™ is to be used in closed proximity to the site of needle use.

Indications for Use

The Disintegrator™ is an over-the-counter insulin needle destruction unit for home use. It is a sharps needle destruction device that is designed to incinerate 27-30 gauge insulin needles, 5/16 to 1/2 inch in length, attached to insulin pens and disposable 1/3cc to 1cc volume insulin syringes.

Precautions

DO NOT TOUCH THE NEEDLE STUB AFTER REMOVAL FROM THE UNIT AS IT MAY REMAIN HOT FOR SEVERAL SECONDS

DO NOT attempt to operate with battery/ash drawer removed or place hands within unit.

DO NOT operate the Disintegrator before reading and understanding all operating instructions, especially information about techniques for using the device and charging the battery.

DO NOT touch the Disintegrator if it is dropped in water when plugged in, unplug the charger. Contact the manufacturer prior to attempting further use.

DO NOT immerse the unit in water or other cleaning solvent or fluids. Follow the recommended cleaning instructions.

Electrical safety features are designed for the intended use of this product. Use of this device for any other purpose than those intended may cause electrical malfunction and permanent damage to the device.

Directions For Use:

DO NOT operate the Disintegrator before reading and understanding all operating instructions, especially information about techniques for using the device and charging the battery.

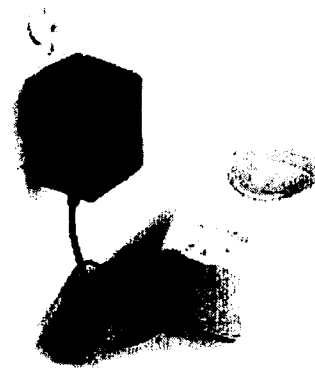
Initial Disintegrator™ SETUP and Charging the Battery

The battery must charge for 12 hours before operation of the Disintegrator.

Charge Battery

Charge battery with supplied charger, plugging it into a standard 110V outlet. Charge time is 12-15 hours (or overnight). A fully charged battery will disintegrate 30-40 needles.

After 2-3 years the battery may not hold an adequate charge and should be replaced. Call Safeguard customer service to order a replacement.

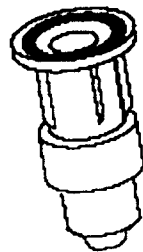


Place unit on a flat surface near where insulin needles will be used.

Select Insert

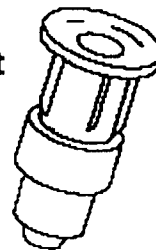
Determine which insert is necessary for your syringe. Use the smallest insert possible. If the syringe will pass through the smallest insert, then it should be used to ensure proper operation.

No insert is required for pen needles.



Removeable insert for 3/10cc and 1/2cc syringes. Look for blue band. Snaps into place.

Removeable insert for 1cc and all B-D™ brand syringes.* Snaps into place.



Needle Destruction:

Snap Insert Into Hole

Snap insert into large center hole in your device.

*Skip this step if you are disintegrating a pen needle.



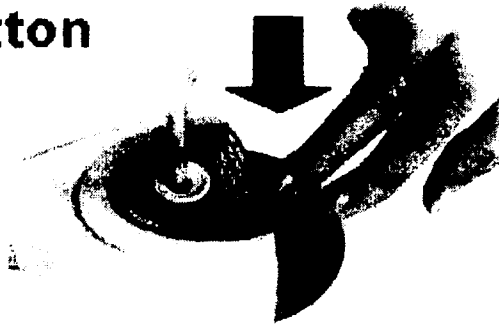
Insert Syringe

Drop syringe into hole, allowing it to fall into place. DO NOT push or force the syringe down.



Depress Power Button

Firmly push and hold power button down until green light goes off, and yellow light flashes (approx. 2 1/2 - 3 seconds).



Syringe removal

Wait a few seconds for needle to cool down.
Twist syringe while removing.

Disposal

The syringe may now be disposed with normal household trash.

Cleaning

CLEANING THE DISINTEGRATOR™

1. Clean the surface of your Disintegrator™ by dampening a cleaning cloth with isopropyl alcohol.
2. Clean around the needle aperture with a dampened cloth. Do not use excessive amounts of isopropyl alcohol.
3. Removal of Debris: The debris in the ash drawer can remain in the device until the battery is in need of replacement.

BATTERY CHARGER OPERATION

1. If the yellow "Low Battery" light appears during the destruction process, finish destroying the needle currently being destroyed but do not continue with additional needles.
2. The device will not efficiently oxidize additional needles until the battery is charged or replaced with a charged battery.

CHARGING AND MAINTAINING A BATTERY

1. Connect the charger into a grounded wall socket. (110 VAC)
2. Connect the barrel attached to the 12 volt line cord coming from the charger to the adapter plug located in the back of the Disintegrator™ where indicated by the label.

When not in use for long periods, maintain a maximum charge by keeping the charger connected to the unit. The Disintegrator™ charger will not overcharge the battery. The device may be continuously connected to the charger.

BATTERY REPLACEMENT/ INSTALLATION BATTERY REMOVAL

For ease of operation, place back of unit over edge of table so that the battery door may be pushed down easily.

Ash Door Removal/Battery Replacement

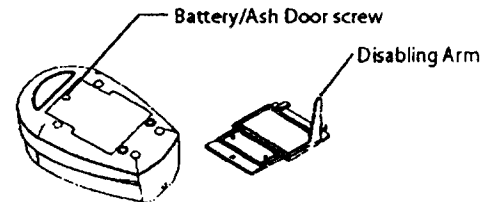
Ash Door Removal – Remove the Battery/Ash Door screw and carefully remove the cover. Remove any ashes or bits of melted needle that may have collected in the reservoir. Replace the door and the screw.

Battery Removal – Follow above directions to remove Battery/Ash Door. Remove battery and unplug it. Connect the new battery and replace. Replace the Battery/Ash Door and the screw.

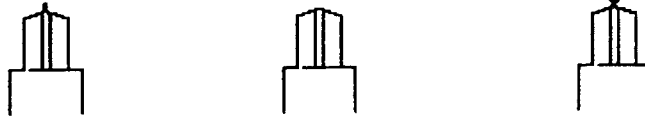
The device will not work unless the Battery/Ash Door is properly positioned and screwed into place.

When replacing the Battery/Ash Door, make sure the battery wires do not interfere with the Disabling Arm.

Do not unfasten the four case screws; this will invalidate the warranty.



Troubleshooting Guide



The syringe needle should be destroyed and look like one of these illustrations. If not, refer to instructions below

When the needle is not destroyed, or partially destroyed:

The battery may need recharging.

The battery needs recharging when the yellow light illuminates constantly with the green light during needle destruction. If the yellow light only flashes at the end of the cycle, your battery does not need recharging.

The button may have been:

- released before the green light went off
- not fully depressed
- depressed too slowly

Reinsert the syringe and try again.

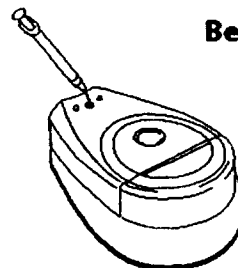
The needle may not have been seated properly.

Reinsert the syringe and try again.

The needle may have been bent.

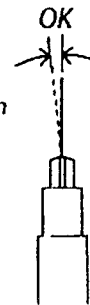
Straighten the needle and try again.

When returning a syringe, rotate the syringe half a turn from its original position.



Bent Needles

Needle is usable when bending is within this range.



To straighten a bent needle, insert needle into the Needle Straightener port and adjust the syringe.