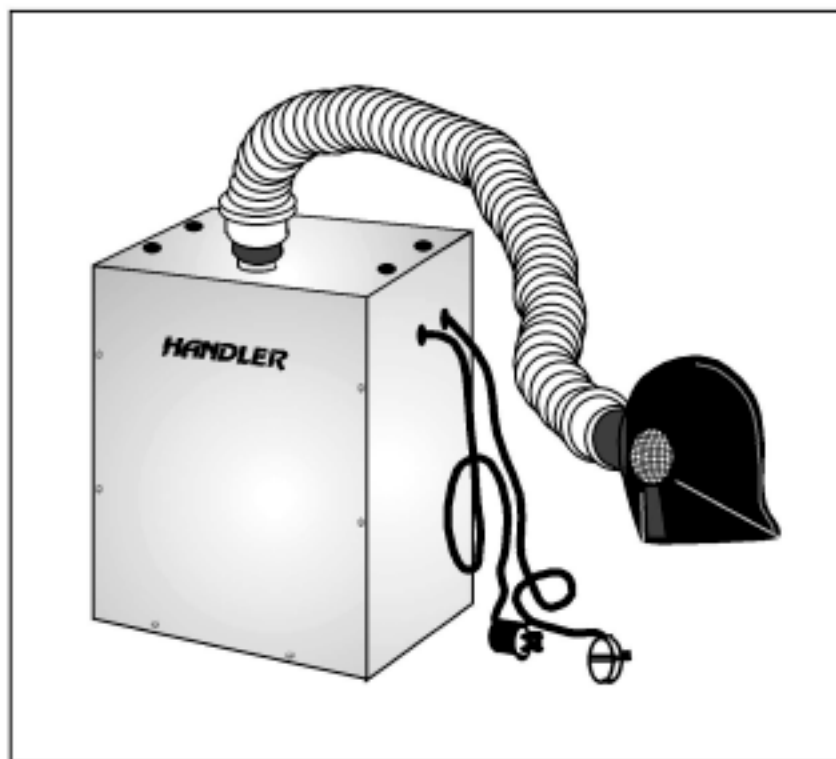


# HANDLER



## 63 DEXTERITY DUST COLLECTOR

**IMPORTANT INSTRUCTIONS  
DO NOT DISCARD**



**HANDLER**   
MANUFACTURING CO., INC.

OVER EIGHTY YEARS OF QUALITY MANUFACTURING AND SERVICE...

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Thank you for purchasing a 63 Dexterity Dust Collector from Handler. The following information is offered to assist in the proper installation and use of your Dust Collector.

## (1) Unpacking:

The Dust Collector is shipped in one carton with the following accessories:

1 - 87210 - Fishmouth

1 - 63 - HS - 2-1/2" x 6' flexible hose

1 - 63 - CUFF 2-1/2" x 1-1/2" Hose cuff adapter

The 63 Dexterity Dust Collector may have been shipped with accessories other than those listed above. Please examine the packing list accompanying the shipment to ascertain that you have received all the correct accessories you have ordered.

Unpack your Dust Collector and inspect it. Should damage have occurred in transit, contact the freight forwarder immediately. Note on the shipping receipt any visible damage to the shipping container. Retain all packaging. **DO NOT** contact Handler Manufacturing, as the damage must be claimed by the receiver of merchandise - not the shipper.

(2) Setup: Remove the Dust Collector from the carton. Place the 1-1/2" x 2" flexible adapter over the top 1-1/2" inlet on the top side of the Dust Collector. Place one side of the flexible ducting over the 2" section of the flexible adapter. Place the Dust Collector with flexible ducting under the benchtop or in a location of your choice. Make certain the Dust Collector has adequate air space around the cabinet to allow for proper air circulation. Bring the flexible ducting through your table top to the work surface. Place the open end of the flexible ducting into the fishmouth. Your 63 Dexterity Dust Collector is ready to connect to a grounded electrical source.

The 63 Dexterity Dust Collector is designed for **INTERMITTENT** use only, "**ON**" 10-15 minutes, "**OFF**" 15-20 minutes. The 63 Dexterity Dust Collector **IS NOT DESIGNED FOR CONTINUOUS USE**. If you need to collect dusts continuously, Handler manufactures a complete line of dust collectors made for continuous use. Contact us at 1-800-274-2635 to request our catalog on Dust Collectors, and complete line of other Quality Dental Products

(3) Operation: Connect the cordset to a 115 Volt/60Hz grounded outlet. The unit is ready for operation. The 63 Dexterity Dust Collector is designed to collect dry dusts from various **light** grinding operations. Do not attempt to utilize the 63 Dexterity Dust Collector for heavy collection of dry or wet dusts. The filter will become clogged with excessive dust, necessitating its prompt replacement and cleaning. After completion of the dust collecting operation, press the activating switch to the - **OFF**- position.

(4) Filtering: It is important that the removable filter is changed **BEFORE** it is allowed to become filled with dusts and debris. We recommend the removable filter is changed after it becomes 1/8"-1/4" filled with dusts and debris. **DO NOT** allow the bag to become over filled as the bag may break causing the 63 to malfunction.

The 63 Dexterity Dust Collector features a dual filtering system. The dust created by the grinding and polishing operations is filtered by a removable filter bag. This filter bag is located inside the frontal side of the 63 Dexterity Dust Collector. To remove this filter, unscrew the 4 thumb screws located on top of the unit, and remove the sheet metal cover. The disposable filter is removed by pulling downward on the filter - removing the filter from the 1-1/2" round suction inlet located at the top of the 63 Dexterity Dust Collector. Replace the disposable filter with a new filter by pushing the top, rubber, sealing collar of the filter bag onto the 1-1/2" inlet. Replace the sheet metal cover, and secure in place with the knurled thumb screws.

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A second activated charcoal filter is designed into the 63 Dexterity Dust Collector to assist in removing acrylic monomer odors. This filter should be replaced every 6 months - more often when constant acrylic grinding is completed. This filter can be found inside the left side of the 63 Dexterity Dust Collector as you face the front of the 63. To change this filter, remove the cordset from the electrical source, remove the sheet metal top, and gently remove the charcoal filter from the unit and replace it with a new filter, as described above. Replace the sheet metal top and reconnect the cordset to the electrical source.

FILTERS: 63-DP - Disposable Filters (package of 6)  
63-CF - Charcoal Filter (package of 1)

**NOTE:** Use only Handler replacement filters to protect your 63 Dexterity Dust Collector from possible damage. Contact your distributor or Handler Mfg. for proper replacement filters. Use of other filters will void your warranty and may cause damage to the 63.

## (5) Replacing Brushes: P63-01 Brushes

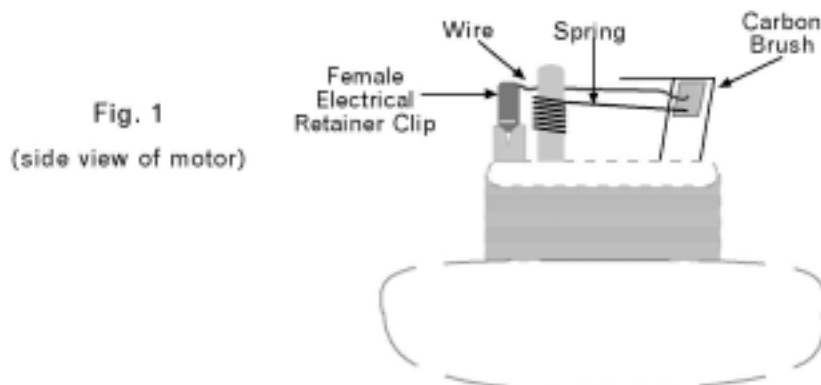
After 500 hours of use, turn the unit OFF and remove the electrical plug from the electrical source. Unscrew the 4 top thumb screws and remove the top of the 63 exposing the motor section. Remove the sheet metal screws from the rear of unit to further expose the suction motor. Locate the 2 motor brushes located 180 degrees from each other on the top of the suction motor. (See Fig. 1 below). Check the brushes to make certain there is a minimum of 1/4" (one quarter inch) or more of depth left on each brush. If the brushes are worn beyond 1/4", order replacement set of brushes, promptly. If 1/4" or more is remaining, replace the brushes in the brush holder and re-secure in position.

Carefully pull back on the spring which pushes the motor brush downward. Pull the spring out from the motor brush holder, completely, and allow it rest on the outside, bottom of the brush holder.

Pull the Female Electrical Retaining Clip from the male connecting terminal, carefully but firmly. Do not disconnect the wire from the female clip. Remove the "old worn" brush from the brush holder and discard, the used brush.

Place the new brush into the brush holder in the opposite manner in which the "old" brush was removed. Connect the Female Electrical Retaining Clip to the male clip. Pull up on the brush spring and allow it to rest on the rear of the new brush.

Close the unit by replacing the rear panel and securing with the sheet metal screws. Replace the top and screw into place. Your unit is ready to resume operation. Check the unit's brushes, again after each 50 hours of use, if you have not replaced the original brushes. Do not allow the brushes to wear below 3/16".



**(6) Summary:** Your 63 Dexterity Dust Collector is designed to provide satisfactory performance when properly used and maintained. By maintaining your Dust Collector in a proper manner, you will be assured of proper function. Keep your 63 Dexterity Dust Collector well ventilated and clean the unit regularly.

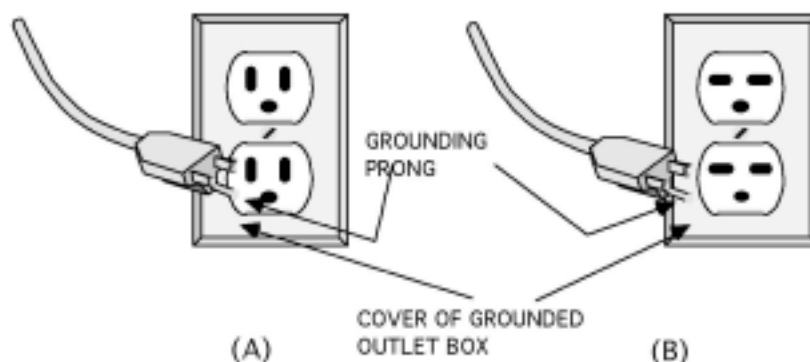
Available Options: On/Off foot switch- to activate the 63 from a remote floor location with foot pressure.

# SAFETY INSTRUCTIONS

## I. GROUNDING INSTRUCTIONS

This tool should be grounded while in use to protect the operator from electric shock. The tool is equipped with an approved three-conductor cord and three-prong grounding type plug to fit the proper grounding type receptacle. The green (or green and yellow) conductor in the cord is the grounding wire. Never connect the green (or green and yellow) wire to a live terminal. If your unit is for use on less than 150 volts, it has a plug that looks like that shown in sketch (A) in Figure 1. If it is for use on 150 to 250 volts, it has a plug that looks like that shown in sketch (B). Use of an extension cords or a 2 prong adapter is not recommended.

FIGURE 1  
GROUNDING METHODS



## TOOL SAFETY INSTRUCTIONS

### 1. Keep Work Area Clean

Cluttered areas and benches invite accidents.

### 2. Avoid Dangerous Equipment

Don't expose power tools to rain. Don't use power tools in damp or wet locations. Keep work area well lit.

### 3. Keep Children Away

All visitors should be kept safe distance from work area and appliance.

### 4. Store Idle Tools

When not in use, tools should be stored in dry, high, and locked location out of the reach of children.

### 5. Don't Force Tool

It will do the job better and be safe at the rate for which it was designed.

### 6. Use Right Tool

Don't force small tool or attachment to do the job of a heavy-duty tool.

### 7. Wear Proper Apparel

Do not wear loose clothing or jewelry which may get caught in moving parts. Tie back long hair or use a proper hair net.

### 8. Use Safety Glasses

Use safety glasses with all rotating tools. Also use a face or dust mask if cutting operation is dusty.

### 9. Don't Abuse Cord

Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.

### 10. Secure Work

Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.

### 11. Don't Overreach

Keep proper footing and balance at all times.

### 12. Maintain Tools with Care

Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.

### 13. Disconnect Tools

When not in use; before servicing; when changing accessories such as blades, bits, cutters, etc.

### 14. Avoid Accidental Starting

Be sure switch is OFF when plugging in.