



Suction Pump Pro-Power Vacuum Aspirator

Pro-Power Vacuum Aspirator (Item #45000-0-0)

The Pro-Power Vacuum Aspirator is shown assembled in Figure 1. This suction pump is relatively inexpensive and is designed for use as an aspirator during cerumen management procedures. It is equipped with additional cleaning tools, enabling the clinician to help remove cerumen and/or debris from hearing instruments.



Figure 1: Pro-Power Vacuum Aspirator

Packaging

The Pro-Power Vacuum Aspirator comes packaged with the following:

- One (1) vacuum aspirator
- One (1) suction canister
- One (1) 24 inch piece of clear tubing with one (1) black connector pre-attached
- One (1) filter pre-attached with 5” tubing attached to one side and 2” tubing attached on the other side of the filter
- One (1) 40 inch opaque tubing
- Two (2) replacement filters
- Two (2) replacement fuses
- Accessory bag packaged with:
 - 2 green, 2 pink, and 2 blue suction needles
 - 2 green, 2 pink, and 2 blue suction cones
 - 2 replacement black connectors
 - 2 replacement black tubes without attached connector
 - Variety of miscellaneous cleaning tools (i.e. brush, vent cleaner)

Assembly:

Assembly is relatively straightforward although the packaging contents do not include illustrations to facilitate correct assembly. To set up the aspirator, follow the steps below:

1. Remove all package contents to ensure all items have been received
2. Make sure suction canister is positioned in appropriate position on the suction pump base
3. Take the 24” piece of clear tubing and connect the clear end to the connector located on the white top of the suction canister labeled PATIENT or IN.



4. Take the filter with pre-attached tubing; connect the longer tubing to the connector located on the white top of the suction canister labeled VACUUM or OUT. Connect the shorter portion of the tubing to the base of the aspirator.
5. Make sure black power switch on front panel is in OFF position
6. Plug power cord into grounded outlet

How to use the Pro-Power Vacuum Aspirator for Cerumen Management:

NOTE: The Pro-Power Vacuum Aspirator does not come packaged with suction tubes necessary for cerumen management procedures. Appropriate suction tubes, such as the Frazier suction tube, are sold separately.

- Remove reamer from Frazier suction tube by pulling it out via the circular handle
- Attach the Frazier suction tube (size 8 or 10 French) to the black connector attached to the 24” tubing
- Turn the Power-Vac on by switching the power switch to ON
- To initiate suction, block the hole on the suction tube base, located beneath the size indicator, with fultak
- Adjust the PRESSURE REGULATOR clockwise to increase suction or counter-clockwise to decrease suction
- Hold the suction tube close enough to the opening to enable appropriate bracing of the head

How to use the Pro-Power Vacuum Aspirator for Cleaning Hearing Instruments:

NOTE: The Pro-Power Vacuum Aspirator comes pre-packaged with suction needles and cones that may be attached to the aspirator’s tubing connector. In addition, a small sized suction tube, such as a size 3 Frazier suction tube, may be purchased separately and used specifically for cleaning hearing instruments. The size 3 tube is not appropriate for cerumen removal as the small diameter of the tube’s opening will be prone to excessive clogging.

- Attach cleaning tool of choice to the black connector attached to the 24” tubing
- Remove debris from hearing instruments using a brush, wax pick or vent cleaner
- Attach canal portion of hearing instrument to open suction tube and let run for a few minutes. Try to loosen debris again with brush, wax-pick or vent cleaner
- Use suction needles or cone shaped suction tips similar in diameter of receiver or microphone port and gently place tip in/over port Turn the Power-Vac on by switching the power switch to ON

How to replace fuse:

In the event the suction pump will not run when switched to the ON Position, check the power outlet to ensure that the device is plugged in. If the suction pump is plugged into the wall and will not run when in the ON position, it will be necessary to replace the fuse. The fuse is located on the bottom of the unit’s base, toward the front panel, encased in a black cover with an indentation to accommodate a Phillip’s screwdriver. Unscrew the cap with the screwdriver until it twists off. Remove the fuse from the cover and replace with the replacement fuse.