

ATHENA CHAMPION™

LITTLE GUY™ LITTLE GUY QUICK DISCONNECT LITTLE PRO™

INSTRUCTIONS FOR USE

Thank you for selecting the Athena Champion Little Guy or Little Pro Handpiece. Athena Champion products are engineered and manufactured to provide exceptional performance, reliability and precision. Please take a few minutes to thoroughly read the instructions for use to obtain peak performance and longevity from your new handpiece.

GENERAL INFORMATION

Important: *The Food and Drug Administration and Centers for Disease Control and Prevention strongly recommend that handpieces be resterilized after each patient use.*

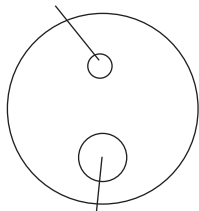
- Do not operate above 45 PSI.
- Operate only when the forward/reverse ring is in the full forward or full reverse position (Little Guy only).
- Do not change rotational direction (turn forward or reverse ring) when the handpiece is operating (Little Guy only).
- Lubricate and maintain your motor in accordance with the instructions. Proper care and maintenance will extend the life of your Little Guy or Little Pro handpiece.

HANDPIECE CONNECTION AND LUBRICATION

Prior to connecting the handpiece, check that all tubing supplying the handpiece hose is properly connected with the dental unit. Make sure there are no restrictions in any of the lines. Before connecting the motor, place one or two drops of Champ-Lube™ 20+ in the drive air port of the handpiece. Briefly operate the handpiece until excess lubricant is expelled. Attach the threaded connector on the tubing set to the mating connector on the handpiece. Ensure the small metal tubes entering from the rear of the handpiece are properly nested in the matching holes of the tubing fitting and the gasket is in place. An air leak will be apparent if the motor is improperly connected and the handpiece will not run at the correct RPM.

PORT CONFIGURATIONS

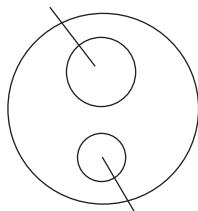
Assembly Pin



Drive Air

2-Hole

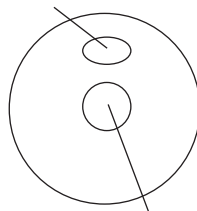
Exhaust



Drive Air

4-Hole

Exhaust



Drive Air

Quick Disconnect

OPERATION

Before using the handpiece, check the tubing to ensure there are no restrictions either in the drive air or exhaust lines. Air pressure at the connector should be 40-45 PSI for the Little Guy and 40-45 PSI for the Little Pro.

Any cutting instrument, Doriot type (Standard U) contra angle or prophylaxis angle (including metal and disposable type prophylaxis angles) can be used with the Little Guy or Little Pro. Ensure the proper shaft diameter of 3/32 inch (2.35 mm) is used.

The chuck on the Little Guy and Little Pro is normally closed. To avoid internal chuck damage, do not close the chuck unless a bur, prophylaxis angle or contra angle has been installed. To open the chuck, rotate the chuck release ring all the way to the right. Using a rotary motion, a shaft may now be inserted into the chuck. When inserting a contra angle or prophylaxis angle, align the notch (“U”) on the attachment with the locator pin on the outside of the chuck and ensure they mate properly. Lock the chuck by turning the chuck release ring all the way to the left and a distinctive “click” is heard. The chuck is now closed.

Directional control of the Little Guy is established by moving the control ring to the proper position. Rotate the ring fully clockwise (right) for forward and full anti clockwise (left) for reverse. Keeping the ring in any other position will diminish the effectiveness of the handpiece and may cause the handpiece to stop completely. The Little Pro has no forward or reverse function and there is no forward reverse ring.

Caution: Continued use of defective attachments may permanently damage your handpiece. Do not change rotational direction when the handpiece is running.

Before actuating the foot control, which will initiate operation of your Athena Champion Little Guy or Little Pro handpiece, please review the following:

- Tubing properly connected to your air source and no leaks in your unit.
- Handpiece firmly installed on the tubing connector.
- Bur, contra angle or prophy angle properly installed on the handpiece.
- Forward and reverse control ring (if applicable) is in full forward or reverse position.
- Air pressure at the handpiece has been set to 40-45 PSI for the Little Guy and 40-45 PSI for the Little Pro.
- A few drops of Champ-Lube 20+ have been placed in the drive air port.
- The chuck release ring is in the fully closed position and the cutting instrument or attachment is firmly held in position.

You are now ready to run your Little Guy or Little Pro handpiece!

INFECTION CONTROL/STERILIZATION/LUBRICATION

Caution: *Wear mask, gloves and protective eye wear.*

1. Wash the exterior surfaces with mild germicidal detergent/cleanser or water based phenol soaked gauze. Do not use cold sterilization solutions containing phenols, acids or chlorine. Rinse with clean tap water. Dry using gauze or paper towels. Do not immerse the handpiece in water or disinfecting solutions. Do not place in an ultrasonic bath.
2. Lubricate handpiece with one to two drops of Champ-Lube 20+. Place the lubricant cleaner in the drive air hole at the back of the handpiece.
3. Connect the handpiece to an air source or attach to a purge unit.
4. Run the handpiece 30-40 seconds or until all excess lubricant is expelled. Any excess lubricant remaining on the surface of the handpiece should be cleaned with a 2 x 2 gauze sponge.
5. Before autoclaving, remove any attachments, burs or shipping blanks from the handpiece. Place the handpiece in a paper sterilization pouch, or a sterilization pouch with at least one paper side to steam autoclave or chemiclave. Sterilize at 250°F (121°C) and 128 Kpa for a maximum of 30 minutes. Do not exceed 275°F (135°C). Do not let the Little Guy or Little Pro remain in pouch under wet or damp conditions. Such conditions can result in corrosion of internal parts and shorten the life of the handpiece.
6. After removing the motor from the autoclave or chemiclave, allow it to return to ambient room temperature before use.

Frequent cleaning and lubrication are essential to long bearing life.

LITTLE GUY AND LITTLE PRO PART NUMBERS

The Athena Champion Little Guy and Little Pro come in several configurations. To order any item, please refer to the chart below.

<i>Model</i>	<i>RPM</i>	<i>Connector</i>	<i>Part Number</i>
Little Guy Standard	5,000.....	4 Hole (Midwest Type)	55400
Little Guy Swivel			
Quick Disconnect	5,000.....	4 Hole (Midwest Type)	56401
Little Guy Swivel			
Quick Disconnect			
Connector Only	NA	4 Hole (Midwest Type)	56400
Little Pro.....	4,000.....	4 Hole (Midwest Type)	52400

WARRANTY

Athena Champion warrants its products to the original purchaser against defective workmanship and materials under normal installation, use and service for two years on the Little Guy and Little Pro. For warranty repair, send the product with copy of the original invoice to Athena Champion. Your product will be repaired promptly and returned to you.

ATHENA CHAMPION™

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