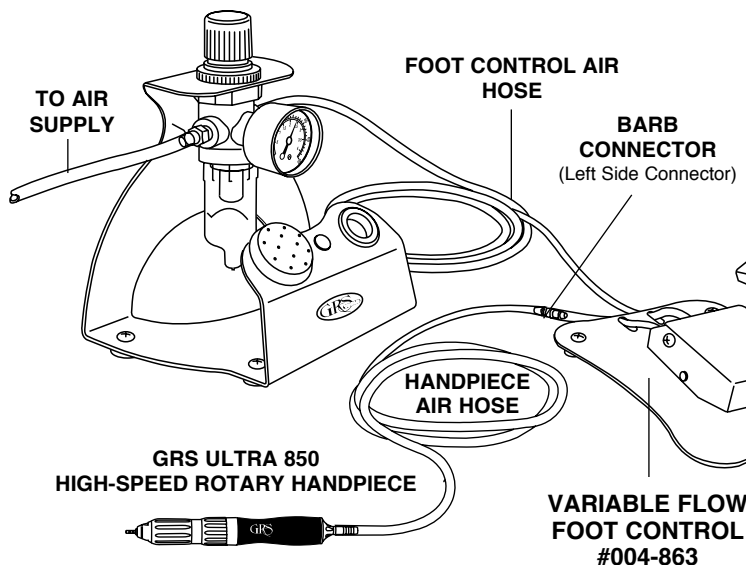
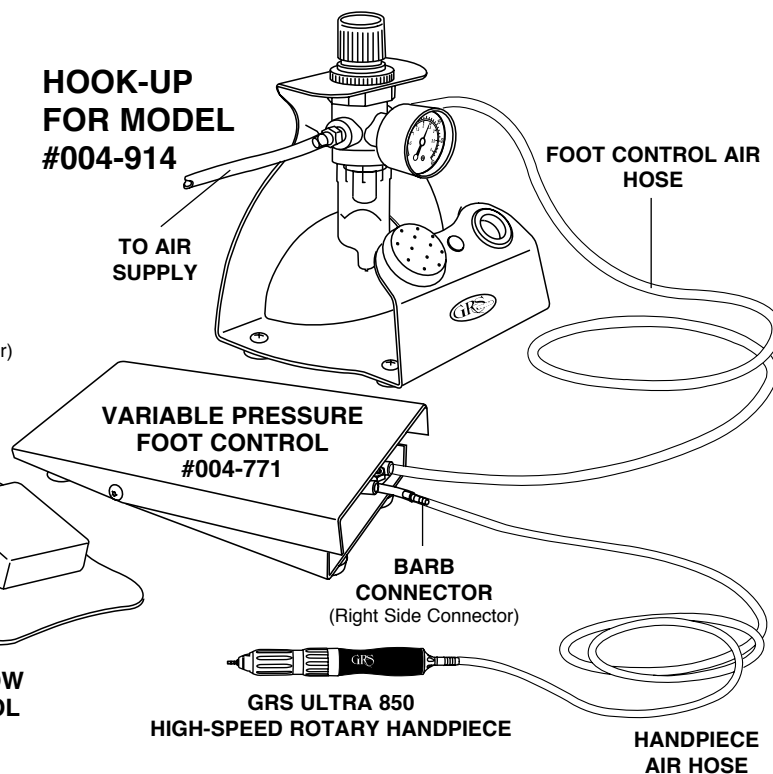


HOOK-UP FOR MODEL #004-861



HOOK-UP FOR MODEL #004-914



Hook-Up

The Ultra 850 Rotary System consists of three main parts: (1.) the GRS Ultra 850 High-Speed Rotary Handpiece; (2.) the GRS Variable Flow Foot Control #004-863 that comes with system #004-861 **—OR—** the GRS Variable Pressure Foot Control #004-771 that comes with system #004-914; and (3.) the Air Filter/Regulator and Stand.

1. HANDPIECE

Locate these items in the plastic box that the 850 handpiece is in: 850 Rotary Handpiece, Air Hose, Clamp Ring and HANDPIECE INSTRUCTIONS. (You will find the instructions inserted into the lid of the plastic box.)

IMPORTANT: Do not operate a rotary handpiece until you are thoroughly familiar with proper operating procedure. READ THE INSTRUCTIONS THAT COME WITH THE ROTARY HANDPIECE CAREFULLY.

Attach the air hose to the handpiece as shown in the instructions that come with the handpiece. Then attach the other end of the air hose to the **short hose with the barb connector** located on the foot control.

- On the Variable Flow Foot Control this short hose is located on the left side.
- On the Variable Pressure Foot Control this short hose is located on the right side.

2. VARIABLE FLOW FOOT CONTROL for Model #004-861

Connect the long hose (which should already be attached on the right side of foot control) to the "outlet" port (right side) on the air filter/regulator.

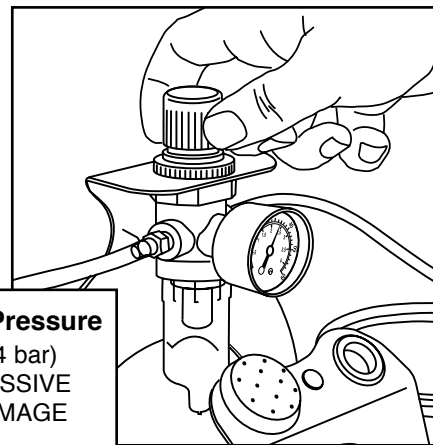
VARIABLE PRESSURE FOOT CONTROL for Model #004-914

Connect the long hose to the left side of the foot control then to the "outlet" port (right side) on the air filter/regulator.

3 AIR FILTER / REGULATOR

Attach your air supply to the inlet of the Air Filter / Regulator. Unit requires minimum compressed air capacity of 1.34 CFM (38 l/pmin) at 30-35 psi (2.1-2.4 bar). Air source supply to be equipped with a filter to deliver clean, dry air to the regulator. Install a filter at the compressor or in the air line in such a location that it can be checked and purged of accumulated liquids as frequently as necessary. We recommend a filter with a bowl capacity of 1/2 pint (.47mL) or larger. The filter regulator on the unit itself is designed as a final filter, and is not intended to, or capable of, removing large amounts of water, etc. It should be checked and purged daily, and more frequently during high humidity atmospheric conditions.

After you have connected everything and read the 850 Handpiece instructions, you are ready to turn on your air supply. Check for any air leaks and correct if needed. Adjust the air pressure on the regulator by lifting the knob and turning left or right (see Fig. at right) Refer to 850 handpiece instructions for correct pressure setting. You are ready to test the handpiece.



Recommended Air Pressure

30 - 35 psi (2.1-2.4 bar)
DO NOT USE EXCESSIVE PRESSURE OR DAMAGE CAN OCCUR

AIR PRESSURE
REGULATOR KNOB

AIR PRESSURE GAUGE

Recommended Air Pressure
30 - 35 psi (2.1-2.4 bar)
DO NOT USE EXCESSIVE
PRESSURE OR DAMAGE
CAN OCCUR

HOLES TO
ATTACH UNIT
TO WALL

HANDPIECE
SEAT RING

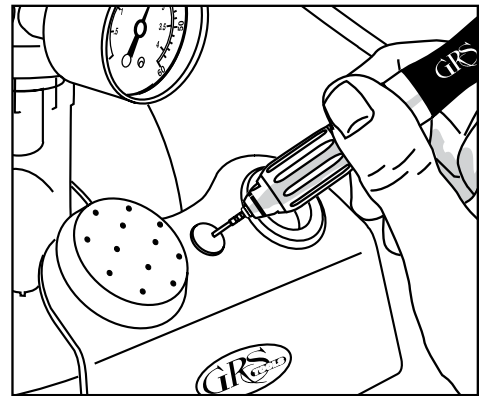
AIR FILTER

HOLES TO
SECURE UNIT
TO TABLE TOP

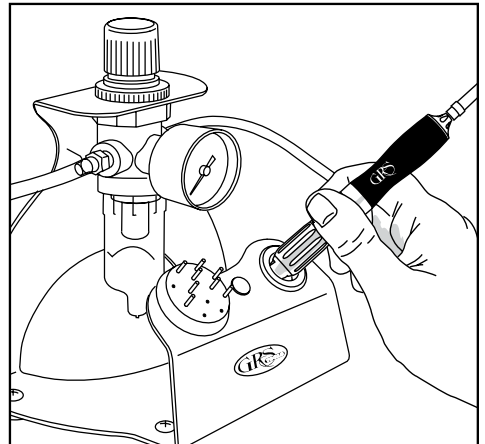
BUR
HOLDER
(REMOVABLE)
CAN BE
PLACED ON
EITHER SIDE
OF UNIT

BUR PAD
SEE
ILLUSTRATION
ABOVE RIGHT

NOTE: IF YOU LEAVE THE
RUBBER FEET ON, DO NOT
OVERTIGHTEN SCREWS.



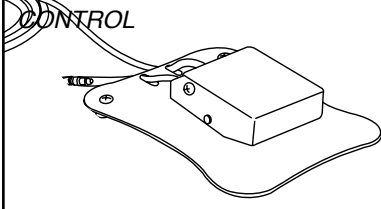
**BUR PAD - USED TO PUSH-IN
BURS**



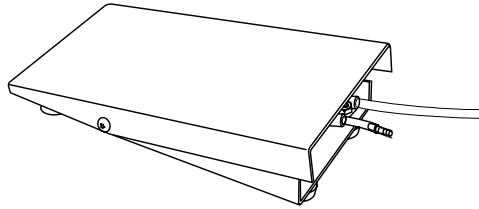
**UNIT HOLDS HANDPIECE FOR
QUICK ACCESS**

FOOT CONTROLS AVAILABLE FOR THE 850 SYSTEM

VARIABLE FLOW FOOT CONTROL
#004-863 • ON / OFF WITH SOME
SPEED



VARIABLE PRESSURE FOOT CONTROL
#004-914 • ON / OFF WITH MORE
SPEED CONTROL

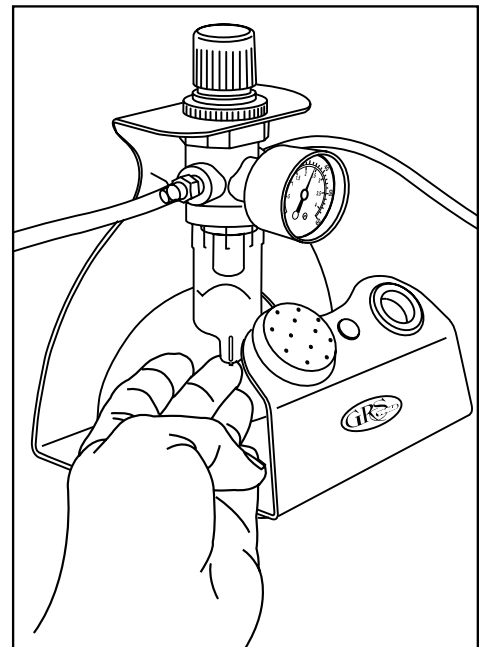


900 Overlander Road
Emporia, KS 66801 USA

800-835-3519 • 620-343-1084
Fax: 620-343-9640
glendo@glendo.com • www.grstools.com
Last Updated: 2014-12-16



IMPORTANT:
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INSTRUCTIONS THAT COME
WITH THE ROTARY
HANDPIECE CAREFULLY.



**REMOVE MOISTURE FROM FILTER
BOWL BY PRESSING BUTTON ON
BOTTOM OF BOWL. HAVE AIR
PRESSURE TO UNIT ON.**