

Recommended Care Tips for the Bioclear Blaster:

1. Please remove the powder cap before autoclaving, each evening, or when not in use. Leaving the cap on and powder in the Blaster will result in moisture build up within the unit, which may cause clogging.
2. All parts of unit can be heat sterilized. For example; Autoclave, Steamclave, or Statim
3. The Blaster unit can also be wiped in between patients. However, there are several wipes and sprays that are causing severe breakdown of plastics on equipment. The warranty on equipment will be void if appropriate sterilization materials are not being used.

Approved Wipes:

- ProSpray Wipes by Certol
- Optim Wipes by Scican

For more information about wipes & sprays causing damage visit: <https://www.gov.uk/drug-device-alerts/medical-device-alert-detergent-and-disinfectant-wipes-used-on-reusable-medical-devices-with-plastic-surfaces-risk-of-degrading-plastic-surfaces>

Bioclear Blaster Air Pressure Recommendations:

The Bioclear Blaster is a powerful tool used to prepare enamel and dentin for proper adhesion of composite. It works best *with* water and when the air pressure is 90-110 PSI.

Compressors have a reserve tank where compressed air is stored (figure 1), and when the maximum pressure level is reached the compressor turns off (ideally 110 PSI). The compressor turns on when the minimum threshold is reached (typically 90 PSI) (figure 2). However, the native air pressure from the compressor is often limited down the line at the control box (figures 3 & 4) regulator (figure 6) or the restrictors on the hand-piece controls in the delivery system (figure 7).

Many dental offices will need an increase of the air pressure delivered to the Blaster. You can have this increase performed by your local service technician or follow the steps listed here.

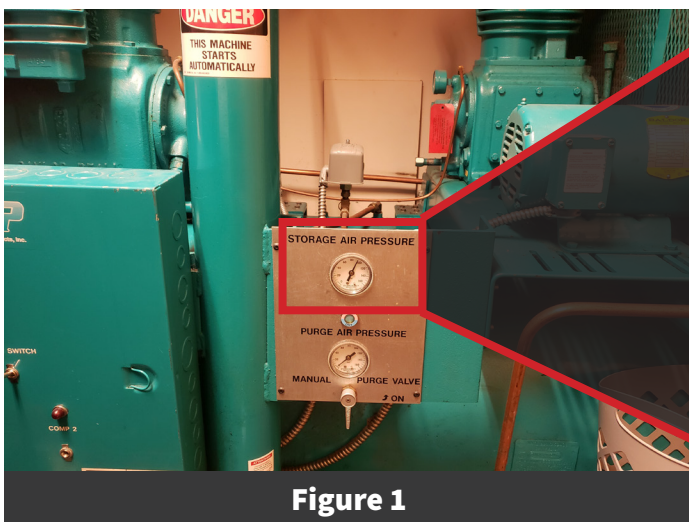


Figure 1

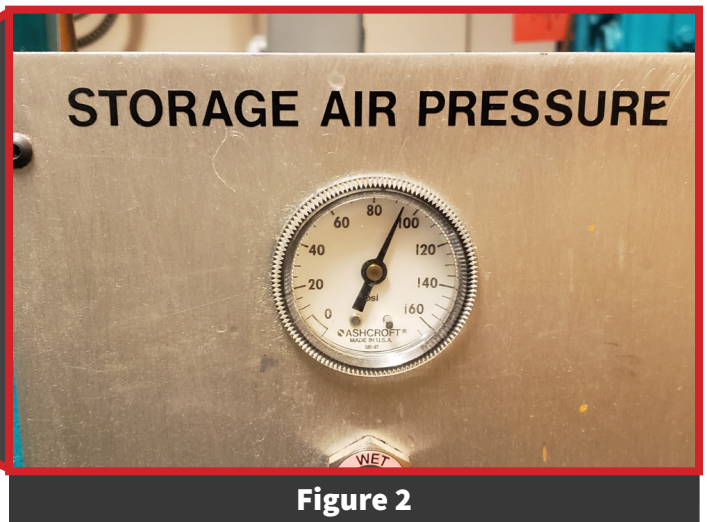


Figure 2

Step 1: Make sure that the air pressure of your compressor is set at reasonably high thresholds, preferably approximately 90-110 PSI.



Figure 3

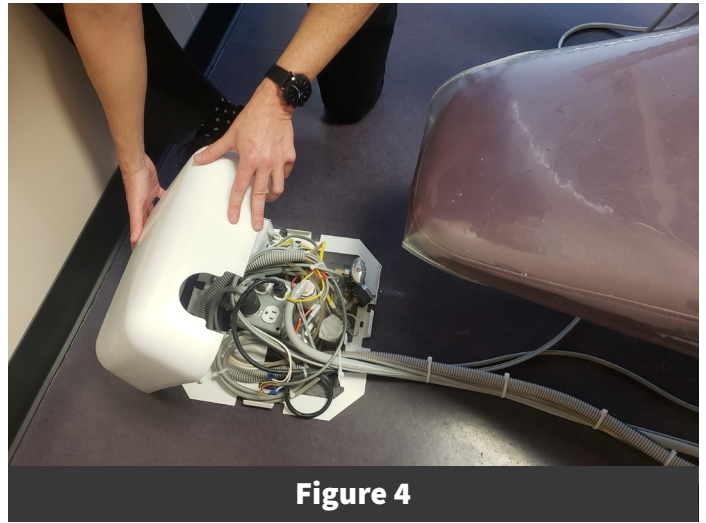


Figure 4

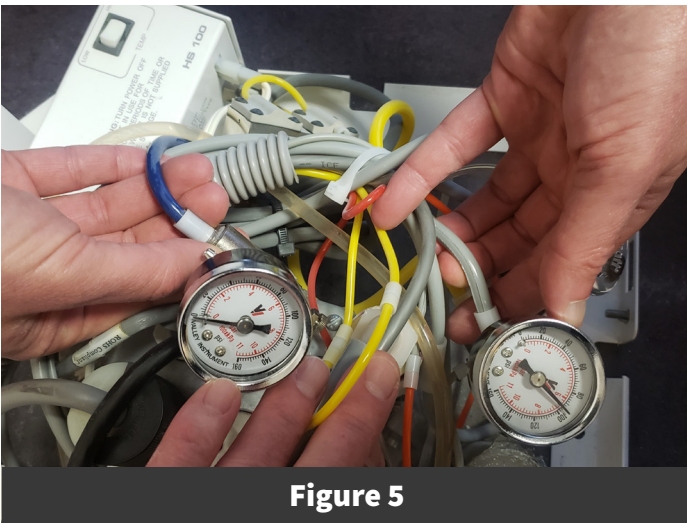


Figure 5

Step 2: Go to the operator or operators where the blaster will be utilized. Remove the cover (figures 3 & 4) from the control box at the foot of the operator. Find the “regulator” for air (figure 5). To determine which gauge is for the air pressure, step on the rheostat while observing the gauges to see which gauge moves (figure 5).

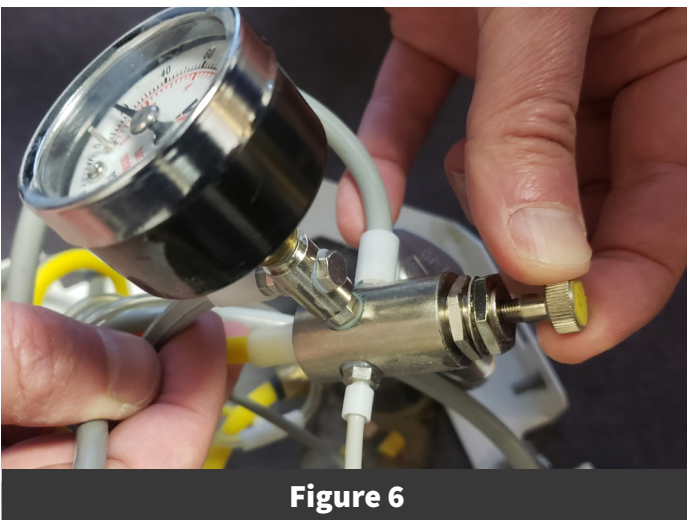


Figure 6

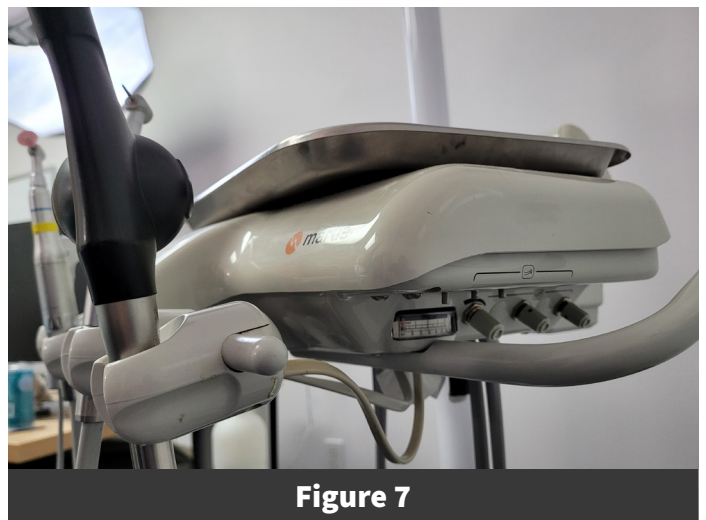


Figure 7

Step 3: Be reminded that there will normally be a “regulator” for water, which need not be adjusted. Twist the knob on the air regulator to the right until the maximum air pressure is achieved (from 90 to 110 PSI) (figure 6).

Step 4: Replace the cover on the foot control.

Step 5: Delivery system: Find the restrictor knob dedicated to the hose connection you will use for the Bioclear Blaster. Turn it all the way to the left to maximize air pressure to the Bioclear Blaster (figure 7).