

# DENTAL COMPRESSOR PM GUIDE

Help improve uptime and quality of output as well as reduce repair costs through planned maintenance for your dental compressor. This easy-to-use PM guide walks you through the steps of what to look for and what to replace at monthly and annual intervals. Some steps listed can be done by the dental office personnel responsible for the compressor, while other steps may require your Service Professional to perform them.

**WARNING:** To avoid personal injury, do not perform these steps while compressor is running unless otherwise noted\*. Compressor head and connecting tubing is hot during operation. Wait until unit and tubing are cool.

<b>OIL CHECK</b> <i>(Applies to Lubricated Compressors Only)</i>	<b>Monthly</b>	Check oil level and add if necessary. If Sight Glass has MIN and MAX marks, the oil level should be at least halfway between the two marks. If no marks exist, the oil level should be halfway at MIN to 3/4 at MAX when viewing the Sight Glass.
<b>AIR LEAKS</b>	<b>Monthly</b>	<b>With the compressor running*</b> , Check for air leaks on the compressor, tubing, and connections.
<b>AIR INTAKE FILTERS</b>	<b>Monthly</b>	Check Air Intake Filters for blockage, dust, etc. Keep compressor clean and dust free.
<b>COOLING FANS</b>	<b>Monthly</b>	Check Cooling Fans and fan blades for blockage, dust, etc. (Cooling Fans are to help keep the heads cool during operation.)
<b>PARTICLE OR COALESCING FILTER'S DIFFERENTIAL PRESSURE INDICATOR</b>	<b>Monthly</b>	<b>With the compressor running*</b> , look at the Particle or Coalescing Filter's Differential Pressure Indicator - GREEN is good, and RED means that the Filter is ready to be replaced.
<b>MOISTURE INDICATOR</b>	<b>Monthly</b>	Check the Moisture Indicator. For Dry Air, the color must be Blue. Pink means that the Desiccant Drying Chamber must be serviced or replaced. <b>(Service Tip: if the Desiccant Drying Chamber needs to be replaced, then replace the Moisture Indicator at the same time in order for the dental delivery unit to function properly.)</b>
<b>PARTICLE OR COALESCING FILTER ASSEMBLY &amp; BOWL</b>	<b>Annually</b>	Replace the Particle or Coalescing Filter Element. At the same time, clean the Filter Bowl and check the Float or Drain for proper functioning. Note that some fluid will remain until it reaches the level to be expelled.
<b>AIR INTAKE FILTER</b>	<b>Annually</b>	Replace the Air Intake Filter Element or Assembly.
<b>OIL CHANGE</b> <i>(Applies to Lubricated Compressors Only)</i>	<b>Annually</b>	Change the oil in the compressor to ensure continued smooth operation.
<b>DENTAL DELIVERY UNIT'S AIR FILTERS</b>	<b>Annually</b>	Check the dental delivery unit's Air Filters: If Filter is yellowish in color, check the Particle or Coalescing Filter's Differential Pressure Indicator and Particle or Coalescing Filter Assembly and Bowl as noted above.  Check for moisture in the J-box/unit's Air Filters. If moisture is found, check the Moisture Indicator as noted above.
<b>AIR PRESSURE</b>	<b>Annually</b>	The compressor must cycle ON at 80 PSI and OFF at 100 PSI in order for the dental delivery unit to function properly. Use the compressor Pressure gauge to confirm this and adjust the Pressure Switch if necessary.
<b>DENTAL DELIVERY UNIT'S AIR PRESSURE</b>	<b>Annually</b>	Check for minimum air pressure of 80 PSI and a maximum of 100 PSI at the J-box. <b>(Service Tip: Use a handpiece and let the air compressor cycle at least once before making adjustments to the J-box air regulator.)</b>

This "Dental Compressor PM Guide" has been provided by