

Repairer Preventive Maintenance Checks and Services

6520-01-139-1246 Compressor Dehydrator, Dental, M5 Series

[M-Monthly, Q-Quarterly, S-Semiannually, and A-Annually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	S	<p>Compressor-Dehydrator</p> <p>a. Inventory the unit for all components and accessories according to the Equipment Parts and Accessories List.</p> <p>b. Inspect the unit for any damaged or deteriorated hoses, tubes, cables, and other components.</p> <p>c. Inspect the unit for an excessive accumulation of dust or dirt. (Particular attention should be given to the intake silencer and fan guard.)</p> <p>d. Verify the performance of the unit by following the "Operator Preventive Maintenance Checks and Services" checklist.</p> <p>e. Verify that the humidity indicator is blue.</p> <p>f. Verify electrical safety.</p>	<p>Missing components or accessories prevent operation of the unit.</p> <p>Damaged or deteriorated components prevent operation of the unit.</p> <p>Unit overheats or does not operate.</p> <p>The unit is not operational.</p> <p>The humidity indicator is other than blue.</p> <p>The compressor-dehydrator fails any of the electrical safety tests.</p>
2	S	<p>Air Storage Tank</p> <p>a. Verify that the tank does not leak by pushing the power switch to the OFF position and observing that the pressure holds at approximately 60psi for several minutes.</p> <p>b. Ensure that the hose(s) can be properly connected.</p> <p>c. Ensure pressure relief / drain valve opens and closes properly.</p>	<p>The tank cannot be pressurized or the tank leaks.</p> <p>The hose(s) cannot be connected to the storage tank.</p> <p>The valve cannot be opened or it leaks when closed.</p>
3	S	<p>Case</p> <p>a. Inspect the case for signs of excessive wear.</p> <p>b. Check the air relief valve.</p>	<p>The case cannot be used to store or ship the unit.</p> <p>The valve is inoperable, damaged, or missing.</p>
4	S	<p>Pressure Gauge</p> <p>Check for dents, a cracked or broken dial cover, or gauge indications beyond the normal range.</p>	<p>The damaged indicator prevents operation of the unit.</p>
5	S	<p>Running/Starting Capacitors</p> <p>Check for dents, a cracked or broken dial cover, or gauge indications beyond the normal range.</p>	<p>The damaged indicator prevents operation of the unit.</p>

Repairer Preventive Maintenance Checks and Services

6520-01-139-1246 Compressor Dehydrator, Dental, M5 Series

[M-Monthly, Q-Quarterly, S-Semiannually, and A-Annually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
6	S	Safety Valve Test for proper operation.	The valve is defective or inoperable.
7	S	Unloader Valve Test for proper operation.	The valve is defective or inoperable.
8	S	Humidity Indicator a. Inspect for dents, a cracked or missing indicator cover, or the lack of any color indication. b. Ensure that the indicator is blue.	The damaged indicator prevents operation of the unit. The humidity indicator is other than blue.