

Recurring Maintenance and Inspection of Dermaglow Device.

The Dermaglow II & 3 devices are vacuum driven and will not function if the integrity of the vacuum system and its components are compromised. Routine inspection of these components is very important. For your convenience, there is a timer displaying machine hours on the lower back left of the device.

Maximum Vacuum (to ensure no vacuum leakage from seals or fittings) **Tested every 50 machine hours to ensure proper functioning of the device.**

1. With the device plugged in.
2. Vacuum door closed and sealed
3. Intensity at its highest level. (Valve fully closed, clockwise)
4. Hand piece and disposable tip installed
5. Kink/occlude both hand piece tubes so that no air passes through them.
6. Record vacuum reading from gauge at 10 seconds or when it has reached its maximum reading.
7. Acceptable range > 20inHg
8. If vacuum reading outside of acceptable range contact Dermaglow technical support for service

Minimum Vacuum (To ensure no blockage in vacuum system) **Tested every 50 machine hours to ensure proper functioning of the device.**

1. With the device plugged in.
2. Vacuum door closed and sealed
3. Intensity at its lowest level. (valve fully open counter clockwise)
4. Hand piece and disposable tip installed
5. Tip orifice open
6. Record vacuum reading from gauge.
7. Acceptable range < 3inHg
8. If vacuum reading outside of acceptable range contact Dermaglow technical support for service

Hand Piece Orifice (to ensure maximum performance)

The Dermaglow II hand piece uses a press fit, carbon steel bushing inserted in the path of the air/crystal stream to accelerate the air/crystal mixture through the tip based upon the Bernoulli principle. Over time the diameter of this orifice will enlarge, reducing the effectiveness of the device. **The orifice diameter should be checked for excessive wear every 200 machine hours.**

1. Remove the disposable tip from hand piece.
2. Measure the diameter of the small orifice found at the working end of the hand piece.
3. Acceptable diameter < .065"
4. Replace when orifice diameter is outside of the acceptable range.

Quick Disconnect Fittings (to ensure maximum performance)

The Dermaglow hand piece tubing is connected to the Dermaglow device using replaceable quick release fittings that are designed to take the brunt of the wear from the Air/Crystal mixture moving through the device. **Inspect these Quick Disconnect fittings every 50 machine hours.**

1. Remove quick release fitting and tubing set from device
2. Remove quick release from tugging set end.
3. Examine the plastic component that inserts into the hand piece tubing end.
4. Replace if worn or damaged.

Hand Piece Tubing

The hand piece tubing may discolor, wears or be damaged through routine use. **Inspected tubing set for wear or cosmetic discoloration every 50 machine hours.**

1. Inspect hand piece tubing
2. Replace if damaged or cosmetically unacceptable.

Vacuum Box Filter (to ensure maximum performance)

The Dermaglow II vacuum box contains a polypropylene filter to block residual crystals from migrating back to the compressor should the crystal bag fail or be inserted improperly. **Inspect vacuum box filter every 50 machine hours or if/when it is exposed to crystals by a bag failure or operator error.**

1. Open vacuum box
2. Remove and inspect vacuum box filter.
3. Replace if damaged or exposed to excessive crystals

Vacuum Box Seal (to ensure maximum performance)

The Dermaglow II vacuum box door closes on a ½” neoprene seal recessed around its perimeter. **Inspect the vacuum box seal every 50 hours of machine time.**

1. Open vacuum box.
2. Inspect door seal for damage or wear
3. If worn or damaged contact Dermaglow technical support for service

Please contact Dermaglow Technical support at (888) 345-4569 x 3 should you require further clarification.