



# Johnson-Promident

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## Instructions

### JP SCALER-M – Maxsonics Sonic Air Scaler

## Technical Facts

Frequency: 6,000-6,600 Hz

Air Requirements: Clean filtered moisture free air with recommended pressure of 35-40 psi.

## Operation

1. Air scaler is compatible with any Borden 2 hole, 3 hole or Midwest 4 hole handpiece connector. (For optimum life, connect water line to water that is filtered and be sure that the air delivery system is free of moisture.)
2. Installation of Tip:  
While holding the tip, turn clockwise and fasten securely. Then tighten firmly with wrench provided.
3. Lubrication:  
Use Johnson-Promident DCL-90 lubricant or Premium spray lubricant once a day, into the driver air port. Then operate the scaler for 20 seconds to distribute lubricant.
4. Sterilization:

## Sterilization

Place scaler and tips into autoclave bag or pouch.



Standard Chamber Sterilizer (Gravity Displacement) –  
-132°C/ 270°F for 15 minutes (at sterilization temperature)



Cassette Chamber Sterilizer (Pre-Vacuum) –  
-135°C/ 275°F for 5 minutes (at sterilization temperature)

DO NOT EXCEED 275° F (29 psi)/ 135°C (2 bar).

## Trouble Shooting Guide for Air Scaler

FAULT	CAUSE	CHECK AND/OR CORRECTION
NO VIBRATION	NO AIR	CHECK UNIT PRESSURE AT COMPRESSOR.
	BLOCKED AIR LINE	CHECK AIR AT SCALER COUPLING.
	CONTROL UNIT NOT FUNCTIONING	CHECK ANOTHER HANDPIECE AND SYRINGE FOR OPERATION. IF NECESSARY REMOVE TUBING FROM LOGIC BLOCK.
UNUSUAL NOISE	LOOSE TIP	TIGHTEN FIRMLY WITH PROVIDED WRENCH.
LOWER VIBRATION LEVEL	LOWER AIR PRESSURE	CHECK FOR FULL DEPRESSION OF FOOT CONTROL. PRESS ADJUSTMENT AND COMPRESSOR OUTPUT.
	TIP LOOSE	TIGHTEN FIRMLY WITH PROVIDED WRENCH
	BROKEN OR WORN TIP	REPLACE THE TIP
NO WATER	WATER OFF	CHECK DENTAL UNIT CONTROL INLET SUPPLY.
	WATER LINE TO SCALER BLOCKED	CHECK AT COUPLING BY DEPRESSING FOOT CONTROL AND BLOCKING AIR DRIVE LINE WITH THUMB
	TIP BLOCKED	REMOVE TIP, CHECK FLOW, IF TIP IS BLOCKED, CLEAN OUT WITH WIRE
WATER LEAKS AT REAR	REAR SEAL	TIGHTEN COUPLING: IF IT STILL LEAKS REPLACE SEAL