TPC

QUICK REFERENCE GUIDE

SONIC AIR SCALER

AS5000 Quick Reference

Set up, tips and daily care on two pages. Keep the user manual for full safety information.

SCAN FOR THE FULL USER MANUAL

Which model?

All three are the same scaler with the same tips and care. Only the back connection differs: match it to the handpiece tubing on the unit.



AS5000-M4

4-hole Midwest

Screws onto 4-hole handpiece tubing.



AS5000-B2

2-hole Borden

Screws onto 2-hole handpiece tubing.



AS5000-K

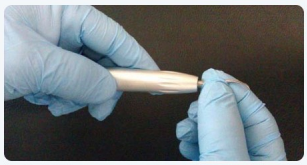
KaVo-type quick connect

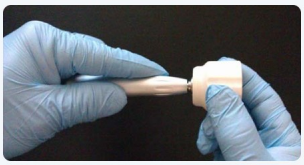
Snaps onto an SK4 quick connector (sold separately).

Set up

1. Turn the air off at the unit.
2. Connect the AS5000 to the high-speed handpiece tubing.
3. Set drive air to **36–51 psi**.
4. Fit a tip (see right).
5. Run it outside the mouth first and check for normal sound and vibration.

Fit or change a tip





1. Air off. Screw the tip on by hand until snug.
2. Slide the torque wrench over the tip and turn clockwise until it **clicks**.
3. To remove: wrench counterclockwise, then unscrew by hand.

Tips



AS1 Universal
Routine supragingival scaling: occlusal and curved surfaces, anterior teeth, exposed roots, lingual of molars.



AS2 Sickle
Heavy, firmly attached calculus; lingual of lower anteriors; tight spots between teeth.



AS3 Perio
At and below the gum line, periodontal pockets, tobacco stains.

⚠ **DANGER** Never exceed 51 psi: too much pressure can break the tip and injure the patient. Always tighten tips with the torque wrench, and never use a rusty, worn or bent tip.

AS5000 · CARE

Daily care at a glance

After each patient

1. Remove the tip. Dry it completely with the 3-way syringe, especially the water hole and threads.
2. Brush the handpiece with a non-metal brush, then wipe with disinfectant alcohol.
3. Lubricate (below).
4. Seal in a sterilization pouch and autoclave.

Autoclave

121 °C	20 minutes
132 °C	15 minutes
Maximum	135 °C, including the drying cycle

- Use the top or middle tray, never the bottom.
- No chemical residue from other instruments in the load.
- No acids, oxidizers or disinfectant solutions.

Lubricate · at least every 3 days

1. Disconnect from the tubing.
2. Put **2–3 drops** of handpiece oil in the drive air hole (AS5000-K: the drive air port at the back of the coupler).
3. Reconnect and run for 5 seconds.

Never use a pressurized spray-can lubricant.

Key specs

Drive air	36–51 psi
Air use	20–30 L/min
Frequency	6,200–6,450 Hz
Water flow	50 ml/min
Weight	64–67 g
Warranty	6 months

Do

- Run it outside the mouth before each use.
- Turn the air off before changing tips or disconnecting.
- Keep the drive air dry and clean: drain the compressor tank regularly.
- Replace tips that are worn, dull, corroded or bent.

Don't

- Exceed 51 psi.
- Sharpen or polish a tip to reuse it.
- Drop or knock the handpiece.
- Take the handpiece apart or try to repair it.

Parts

AS1 · AS2 · AS3	Universal · sickle · perio tips
A776	Tip torque wrench
SK4	KaVo-type quick connector
AS5000-4 / -2	Handpiece only, 4-hole / 2-hole

Technical support

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