

TAKE YOUR POWER SCALING AND AIR POLISHING TO THE NEXT LEVEL

HuFriedyGroup introduces its new PWR Piezo Scaling and Air Polishing products.

By Nancy J. Miller, RDH, BA

Over my 35 years of working with power instrumentation, I've tried countless devices. However, the PWR Pair — a piezoelectric scaler and air polisher combination device — stands out for its versatility, efficiency, and patient comfort. It's the all-in-one tool every dental hygienist needs to simplify treatment while delivering exceptional results.

The PWR Pair seamlessly integrates two advanced technologies: piezo-electric scaling and air polishing. This device allows hygienists to tackle everything from sub- and supragingival calculus removal to biofilm disruption, stain removal, and implant maintenance. Along with the standalone PWR Piezo scaler and a wide selection of 24 interchangeable tips, the PWR Pair also features PWR Prophylaxis Powders for sub- and supragingival applications, available in mint and neutral flavors.

INTENTIONAL DESIGN

What truly sets the PWR Pair apart is its thoughtful design. For example, the ergonomic piezo handpiece includes a light to guide treatment, while the Soft Mode slows vibration for scaling on sensitive root surfaces. Patients consistently comment on how comfortable the air polisher feels, which is largely due to its internal water heater that warms the water to 98° — a small touch that makes a big difference.

The PWR Pair is gentle yet effective. Using 25-micron glycine particles instead of the coarser 65-micron sodium bicarbonate, the device removes biofilm, debris, and stains with precision and minimal discomfort. Think of it as the difference between cornstarch under pressure and coarse kosher salt — gentler on both dental materials and tooth surfaces.

The PWR Pair also offers unparalleled flexibility. Its interchangeable handpieces cater to various needs, from general polishing to periodontal pockets up to 5 mm. The perio nozzle, with its disposable and flexible design, ensures thorough cleaning in hard-to-reach areas like furcations. Two powder chambers make it easy to switch between supragingival and subgingival powders with the touch of a button, optimizing efficiency.

Another notable feature of the PWR Pair is the piezo scaler's vibration pattern, which concentrates power along the sides of the tip, not the front or back. This design requires a technique similar to a hand instrument, ensuring precise adaptation to tooth surfaces and deposits.



Nancy J. Miller, RDH, BA, owns ultraconcepts, a consulting and lecture business that specializes in providing education on power instrumentation. A key opinion leader, she has been a product evaluator for HuFriedy Group since 1995, a clinical advisor for Jameson Group since 1998, and a panelist on the Cellerant Group

for Best of Class Hygiene Awards since 2021. Miller practices and resides in Green Bay, Wisconsin.



TIPS FOR INCORPORATING PWR PAIR

Here's how I recommend incorporating the PWR Pair into your routine:

1. Offer an antimicrobial mouthrinse to reduce bacterial aerosols.
2. Complete assessments of soft and hard tissues.
3. Air polish all surfaces, including the tongue, to remove soft debris and biofilm.
4. Adapt the piezo scaler to target hard deposits.
5. Reassess with an 11/12 explorer for remaining calculus.
6. Use selective piezo or hand instrumentation on any remaining deposits.
7. If needed, utilize the perio nozzle for implant maintenance or deep pockets.

I've found that polishing first removes soft deposits efficiently, saving time during scaling. This sequence ensures excellent patient care while minimizing operator fatigue.

CONCLUSION

With its ergonomic design, patient-friendly features, and dual functionality, the PWR Pair redefines what's possible in power instrumentation. It's not just a device — it's a game-changer for modern dental hygiene. If you're looking for an all-in-one solution that elevates your practice, the PWR Pair delivers. ■

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