

KAVO

# A Handpiece That's Made for the Long Haul

*The EXPERTmatic E25 high-speed attachment provides a low-maintenance alternative to air-driven handpieces, delivering maximum cutting performance while keeping heat, noise, and vibration to a minimum*

Choosing a dental handpiece is an important decision—after all, they're practice workhorses that are on the front lines of many dental procedures. The question often comes down to air-driven vs electric. While air-driven handpieces are more common among restorative dentists in the U.S., in part due to their lighter weight and moderate price tag, they do have their downsides—among them, greater noise and less consistent torque, vibration, and versatility. It's perhaps for these reasons that electric handpieces are gaining popularity in everyday dentistry.

### Problem-Free Performance

After experiencing persistent noise, chuck, and bur concentricity issues with her office's older air-driven handpieces, Krista Kappus, DDS, decided to follow the recommendation of a trusted colleague and try the EXPERTmatic E25, a high-speed attachment from KaVo. Dr. Kappus quickly found that going electric virtually eliminated her previous pain points, and 4 years later, the EXPERTmatic E25 has become her handpiece of choice at her Healdsburg, CA, practice.



Krista Kappus, DDS

"Every handpiece has its issues over time, but this one is really simple to repair and maintain."

"Overall, there's a lot more torque and smoother cutting efficiency," she said. "We've phased out most of our air-driven handpieces because we like this one so much better."

### More Comfort, Less Maintenance

Compared to her other handpieces, Dr. Kappus discovered that the EXPERTmatic E25 affords quieter, cooler operation and produces less

vibration, making every procedure more comfortable for her and her patients. "No patient wants to feel like their head is being rattled around," Dr. Kappus quipped. "So, the smoother a handpiece performs, the better."

She also noted that, owing to its minimal vibration, smaller head size, and EXPERTgrip surface, the EXPERTmatic E25's handling and ergonomics were a noticeable improvement over her previous handpieces. What's more, both the contra-angle's cutting performance and the precision of its multi-port spray have lived up to her expectations: "It's better at maintaining its temperature and the water stream seems a lot more consistent," she shared.

Thanks to its quality stainless-steel construction, high-tech FG chuck with carbide guide bushing, ceramic ball bearings, and a durable, dent-resistant head, the EXPERTmatic E25 is built for the long haul. And when it's time to replace parts like the spray microfilter, the EXPERTmatic E25 makes things as easy as possible: "Every handpiece has its issues over time, but this one is really simple to repair and maintain," affirmed Dr. Kappus.



### Stronger & Safer Than Ever

Ever innovating and improving upon their products, KaVo recently updated the EXPERTmatic E25 with 2 smart features that elevate patient safety and extend instrument service life:

- **New KaVo CoolHead technology** actively prevents excessive heating of the instrument head if the push button is pressed unintentionally while the bur is rotating (such as when touching the patient's cheek). Integration of this feature assures greater patient safety, while giving clinicians one less thing to worry about during treatment.
- **KaVo-exclusive high-tech ceramic ball bearings** are now not only lighter and more resistant to wear, but also offer greater resistance to corrosion and fluctuations in temperature due to less friction. These bearings additionally incorporate optimized cage geometry and cage material to ensure a longer service life for EXPERTmatic instruments.

KaVo also has extended the warranty on all EXPERT series handpieces to 24 months, and the warranty increases to 30 months when the handpieces are maintained by a KaVo QUATTROcare PLUS maintenance system.



### THE EXPERTMATIC E25 AT A GLANCE:

KaVo EXPERTmatic E25 high-speed handpieces are available without cellular optics (E25 C), as well as with a glass rod light conductor that delivers up to 25,000 lux of perfect, glare-free lighting (E25 L). Other features and benefits of both the EXPERTmatic E25 C and E25 L include:

- Speed increasing 1:5 transmission ratio
- EXPERTgrip surface
- Replaceable spray microfilter
- Reduced head size
- Chuck retention force up to 30 N
- CoolHead technology
- High-tech ceramic bearings
- 3-port spray
- Low, 57 dB(A) operating volume
- Thermo-disinfectable & sterilizable up to 275°F (135°C)

