

# Midwest® Phoenix® Series Instruments of Power

## Today's technology for today's materials.

Upgrade to the Phoenix Line from Midwest:

- Diamond-like-carbon coated ceramic bearings reduce friction and enhance performance
- Dynamic Speed Control in the head limits free speeds to protect bearings and reduce noise
- Titanium-coated diamond grip for enhanced tactile feel and abrasion protection



Choose the version that is ideal for your practice\*:

**Midwest® Phoenix® ZR** | Larger head with more power  
ideal for cutting solid zirconia

**Midwest® Phoenix®** | Small head ideal for  
everyday use

Up to 30 months warranty when  
maintained with Midwest® Automate®



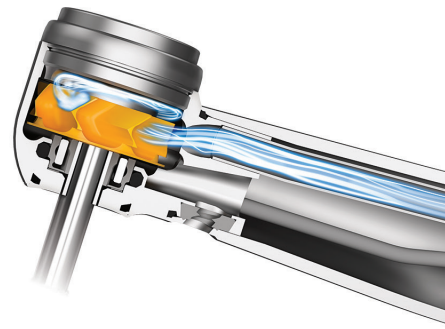
*Call your Midwest Specialist at 800-800-2888 to schedule  
a demo today. Ask about special trade-in offers!*

\*Data on file.

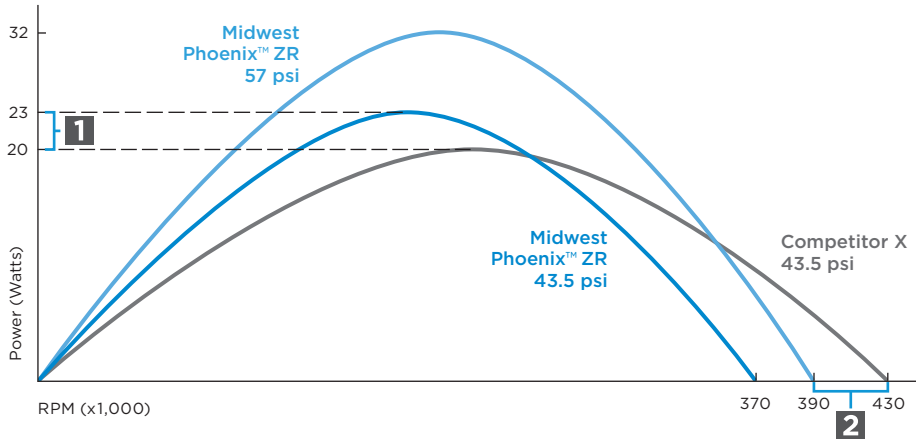
Midwest®  
Phoenix™

## Performance Under Pressure

Only Midwest offers patented **Dynamic Speed Control** that limits free speed, but does not limit power. Tuned air flow in the head manages rotor speed to help protect bearings and limit noise generation, even at higher psi.



### Midwest® Phoenix® ZR vs. Competitor X\*



- 1 Get more power with Midwest Phoenix ZR. Compared to a competitive handpiece at the same psi, Midwest Phoenix ZR delivers 15% more power.
- 2 Without the Midwest Dynamic Speed Control, excessive free speed can cause bearing damage and create unnecessary noise. Even at the elevated pressure of 57 psi, the Midwest Phoenix ZR still has a lower free speed than the competitive handpiece running at a much lower pressure.

	Watts	Sound	Head Size Diam. x Ht. (mm)	Free Speed	Maximum Bur Length	Coupler Options
Midwest® Phoenix® ZR	23+	60dBa	11.9 x 13.0	370,000 RPM	25.0mm	Midwest, K-style
Midwest® Phoenix®	20+	62dBa	10.2 x 12.7	410,000 RPM	21.0mm	Midwest, Sirona, NSK, K-style

Values are approximate and will vary dependent on coupler type and air pressure.

## Order Information

### Midwest® Phoenix® Series High-Speed Handpieces

2-year warranty; 2.5 years when maintained with Midwest Automate.

791400	Midwest Phoenix — Midwest backend
791410	Midwest Phoenix — Sirona backend
791420	Midwest Phoenix — NSK backend
791430	Midwest Phoenix — K-style backend
793400	Midwest Phoenix ZR — Midwest backend
793430	Midwest Phoenix ZR — K-style backend

### Couplers

790245	5-Hole Coupler — Midwest style
790246	6-Pin Coupler — Midwest style
790335	KS5 5-Hole Coupler — K-style
790336	KS6 6-Pin LED Coupler — K-style

### Midwest Automate®

#### Automated Maintenance Unit

380200	Midwest® Automate® Unit
380090	Midwest Style Maintenance Adapter
380450	K-style Maintenance Adapter
380480	NSK Maintenance Adapter
380510	Sirona Maintenance Adapter
380520	Absorption Pad (6 Pack)
380180	Midwest Plus™ Automate Spray Can



Midwest Customer Service  
1-800-800-2888  
www.dentsplysirona.com