

Guide to Dental High-Speed Handpieces



The Midmark® Dental High-Speed Handpiece was created with you—the operator—in mind. Its lightweight and durable construction was designed to enhance ergonomics while withstanding the rigors of everyday use.

ROBUST DESIGN

Midmark dental high-speed handpieces come with integrated lighting to illuminate the oral cavity. The head design allows for a wider turbine bearing to better support longer burs and the integration of multiple water spray ports to enhance bur/tooth cooling during procedures.

KEY FEATURES

The lightweight dental high-speed handpiece includes:

- Ergonomic design with a gentle bend radius and optimized grip diameter for better control.
- Non-slip grip to reduce sliding.
- Optional swivel to reduce hand and wrist fatigue.
- LED light (similar to daylight) improves visibility within the oral cavity. *Integrated with AH9000 mobile dental delivery models.*

BEST PRACTICES

Discard your carbide burs after each oral surgery procedure. Burs quickly become dull and using dull burs when sectioning a tooth or removing bone will require more force, which causes strain on the chuck and turbine and can shorten the life of your handpiece.

Note: Diamond burs can be sterilized and re-used.

Handpieces and turbines wear down over time. It is important to equip your clinic with two high-speed handpieces, one in use and one as a backup, along with a spare turbine to prevent costly downtime and cancelled procedures. Follow daily maintenance and cleaning recommendations with Midmark Handpiece Cleaning and Conditioning Spray to help maximize the life of your handpieces.



YOU'RE SUPPORTED

Midmark experts train you and your team to become proficient with your dental equipment.

Midmark AcademySM offers RACE[®]-approved training, delivered by dental and anesthesia experts, to help grow your practice and improve the health of your patients. Learn more at [midmarkacademy.com](https://www.midmarkacademy.com).



Check out our free dental handpiece training videos

MIDMARK DENTAL HIGH-SPEED HANDPIECE SPECIFICATIONS



Head Length	14.65 mm
Head Diameter	13 mm
Overall Weight	Non-swivel 4-hole: 47 grams Non-swivel 5-hole: 48 grams Swivel: 43 grams
Power	20 watts
Speed	360,000 rpm
Light Output	18.425 lux, fiber optics
Water Module	Multi 4-port spray
Warranty	1-Year limited warranty (90 days on chuck)

MIDMARK DENTAL HIGH-SPEED HANDPIECE MODELS

	Midmark Mobile Dental Delivery System (AH9000 Series)				Midmark 1000 Dental Delivery System (8000 Series)			
	Light Source: LED				Light Source: Halogen			
	-001	-002	-003	-004	-003	-008	-008s	-007s
002-10548-00 Standard Head High-Speed Swivel Handpiece, Fiber Optic (Requires Coupler)	○	●	●	○	○	○	●	●
002-10768-00 LED 6-pin Swivel Coupler Only		●	●					
002-1995-00 Fiber Optic 5-hole Swivel Coupler Only	○			○	○	○	●	●
002-10547-00 Standard Head High-Speed Swivel Handpiece, Fiber Optic with 5-hole Coupler	○			○	○	○	●	●
002-10549-00 Standard Head High Speed Non-Swivel Handpiece, Fiber Optic	●			●	●	●	○	○

● Standard with Unit ○ Compatible

POPULAR COMPANION PRODUCTS

- 01** Midmark Mobile Dental Delivery System (AH9000-001, -002, -003, -004)
- 02** 002-10748-00 Midmark Low-Speed Handpiece
- 03** 002-1432-00 Midmark Handpiece Cleaning and Conditioning Spray
- 04** Midmark High-Speed Burs (shown larger than actual size)
 - 016-1204-14 Carbide, Round, FG 1/4, 5/PK
 - 016-1204-00 Carbide, Round, FG 2, 5/PK
 - 016-1204-18 Carbide, Round, FG 2 Surgical Length, 5/PK
 - 016-1204-01 Carbide, Round, FG 4, 5/PK
 - 016-1204-02 Carbide, Round, FG 6, 5/PK
 - 016-1204-03 Carbide, Taper Fissure Cross Cut, FG 701, 5/PK
 - 016-1204-04 Carbide, Taper Fissure Cross Cut, FG 701L, 5/PK
 - 016-1204-09 Diamond, Pointed Football, 831F-016-FG, 1.6 mm, Fine Grit, 5/PK



Bur Types: Round burs (FG 1/4, 2, 4, 6) are used primarily for removing alveolar bone, extracting root tips and creating access holes. Surgical length burs (FG 2 SU) are used when extended reach is needed. Cross-cut taper-fissure burs (FG 701, 701L) are used for sectioning teeth. Diamond burs (831F, 869LF) are used for smoothing bone and shaping teeth.

NOTE: Carbide burs are for one-time use. Diamond burs can be reused.



For a complete list of available dental delivery supplies and accessories, visit midmarkserviceparts.com.

RACE is a registered trademark of the American Association of Veterinary State Boards.

Midmark is an ISO 13485 and ISO 9001 Certified Company. Certain products are not included. See the complete list at: midmark.com/ISO

For more information, contact your Midmark authorized distributor or call: 1.800.MIDMARK
Outside the USA call: 1.937.526.3662 or visit our website: midmark.com

© 2024 Midmark Corporation, Versailles, Ohio USA
Products subject to improvement changes without notice. Litho in USA.

007-10333-00 Rev B1 (4/24)