

Thinking ahead. Focused on life.

TwinPower Turbine[®]

High Speed Handpieces

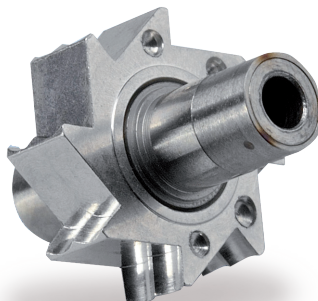
What makes TwinPower Turbine handpieces unique? Simply put, they offer better visibility with unparalleled cutting power and torque. Even under high load conditions, TwinPower's exclusive double-impeller rotor outperforms the competition. With a range of models, head designs, and price points, TwinPower Turbine is an excellent fit for any practice.

- Unique double-impellers produce high power & torque
- Compact head designs offer exceptional access
- Excellent contamination control with zero drawback in the air line
- Safe, rapid braking technology
- Limited time, 30-day money back guarantee



TwinPower Rotor

36 Impeller Blades with
3 Drive Air Nozzles



Typical Rotor

8 Impeller Blades with
Only 1 Drive Air Nozzle

TwinPower Turbine Product Line

TwinPower Turbine High Torque

- Head Diameter: 12 mm
- Head Height: 13.2 mm



The TwinPower Turbine high torque model is the most powerful of the product line. It delivers superior cutting efficiency and reduced preparation time.

TwinPower Turbine Standard

- Head Diameter: 10.5 mm
- Head Height: 13.2 mm



The TwinPower Turbine standard model offers 22 watts of smooth cutting power. Clinically evaluated by several institutions, TwinPower has earned high marks for its fit to hand ergonomics, balance, visibility, power output, and braking ability.

TwinPower Turbine UltraE

- Head Diameter: 9 mm
- Head Height: 12.7 mm



UltraE (mini) is slightly taller than UltraM and more powerful at 20 watts, but still offers a compact head that improves the clinician's view when using a mirror or microscope.

TwinPower Turbine UltraM

- Head Diameter: 9 mm
- Head Height: 10.6 mm



UltraM (mini) delivers 18 watts, twice the power of other popular mini handpieces. With the shortest head height, it offers exceptional posterior access.

TwinPower Turbine 45

- Head Diameter: 10.5 mm
- Head Height: 13.2 mm



The TwinPower Turbine 45 model offers maximum access and visibility with a 45° angle and an overall head size smaller than competitive units. Rear-facing exhaust vents direct air flow away from the surgical site for patient protection.

TwinPower Turbine 45 Non-Optic

- Head Diameter: 10.5 mm
- Head Height: 13.2 mm



The TwinPower Turbine 45 Non-Optic offers the same features as the standard 45, but without optics.

TwinPower Turbine Basic

- Head Diameter: 10.5 mm
- Head Height: 13.2 mm



The TwinPower Turbine Basic includes several features of the original TwinPower product line at a very economical price. It offers a 4-hole connection and chrome body.

TwinPower Turbine 45 Basic

- Head Diameter: 10.5 mm
- Head Height: 13.2 mm




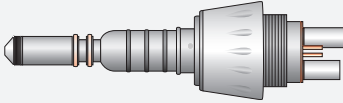

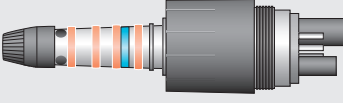



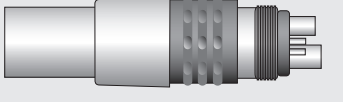






The TwinPower Turbine 45 Basic offers several features of the standard 45 including rear-facing exhaust vents. As a more economical version, it has 4-hole connection and a chrome body.



TwinPower Turbine High Speed Handpieces

Total Versatility

TwinPower can be connected to various commonly used couplings.

		TwinPower Morita	High Torque Standard UltraE UltraM 45° & 45° Non-Optic	
		KaVo® MULTiflex® LUX¹	High Torque Standard UltraE UltraM 45° & 45° Non-Optic	
		Sirona® R/F¹	High Torque Standard UltraE UltraM	
		W&H® Roto Quick¹	High Torque Standard UltraE UltraM	
		NSK® Mach/Phatelus®/ FlexiQuick Coupling²	High Torque Standard UltraE UltraM	
	 4-Hole Connection	 5-Hole Connection	 6-Pin Connection	Basic & 45° Basic

Note: TwinPower Turbine 45 is available only in Morita and KaVo® type. TwinPower Turbine Basic and 45 Basic are only available with 4-Hole connection.

Specifications	 Ceramic ball bearing handpiece				 Push-button chuck			
	High Torque	Standard	UltraE	UltraM	45°	45° Non-Optic	Basic	45° Basic
Model	High Torque	Standard	UltraE	UltraM	45°	45° Non-Optic	Basic	45° Basic
Power*	25 W	22 W	20 W	18 W	20 W	20 W	22 W	20 W
Rotation speed (at 0.2 MPa/29psi)	350,000 rpm ± 30,000 rpm		370,000 rpm ± 30,000 rpm					
Air/Water ports	Air/Water: 3	Air/Water: 3	Chip air: 3 Water: 3	Chip air: 5 Water: 1	Chip air: 0 Water: 3	Chip air: 0 Water: 3	Air/Water: 3	Chip air: 0 Water: 3
Head diameter	12 mm	10.5 mm	9.0 mm	9.0 mm	10.5 mm	10.5 mm	10.5 mm	10.5 mm
Head height	13.2 mm	13.2 mm	12.7 mm	10.6 mm	13.2 mm	13.2 mm	13.2 mm	13.2 mm
Body/Coating	Ceramic coating	Ceramic coating	Ceramic coating	Ceramic coating	Ceramic coating	Chrome	Chrome	Chrome
Optics	Glass rod optics	Glass rod optics	Glass rod optics	Glass rod optics	Glass rod optics	None	None	None
Light intensity	25,000 LUX	25,000 LUX	25,000 LUX	25,000 LUX	25,000 LUX	NA	NA	NA
Weight**	48 - 57 g	48 - 57 g	48 - 57 g	48 - 57 g	53 - 59 g	50 - 56 g	45 g	45 g
Driving air pressure	0.2 – 0.29 MPa/29 - 42 psi							
Warranty	2 years	2 years	2 years	2 years	2 years	1.5 years	1 year	1 year

*Output power measured according to the procedure in ISO 14457:2017
**Weight varies depending on connection type

Ordering Information

TwinPower Turbine High Torque



16-5339049	TwinPower Turbine 4H PAR-4HX-O (TwinPower Morita)
16-5901111	TwinPower Turbine 4H PAR-4HX-O-KV (KaVo® MULTIflex® LUX ¹)
16-5901154	TwinPower Turbine 4H PAR-4HX-O-SR (Sirona® R/F ¹)
16-5901146	TwinPower Turbine 4H PAR-4HX-O-WH (W&H® Roto Quick ¹)
16-5901138	TwinPower Turbine 4H PAR-4HX-O-NK (NSK® FlexiQuick ²)

TwinPower Turbine Standard



16-5340888	TwinPower Turbine 4H PAR-4HEX-O (TwinPower Morita)
16-5340608	TwinPower Turbine 4H PAR-4HEX-O-KV (KaVo® MULTIflex® LUX ¹)
16-5340632	TwinPower Turbine 4H PAR-4HEX-O-SR (Sirona® R/F ¹)
16-5340624	TwinPower Turbine 4H PAR-4HEX-O-WH (W&H® Roto Quick ¹)
16-5340616	TwinPower Turbine 4H PAR-4HEX-O-NK (NSK® FlexiQuick ²)

TwinPower Turbine UltraE (Mini)



16-5356970	TwinPower Turbine 4H PAR-4HUEX-O (TwinPower Morita)
16-5357497	TwinPower Turbine 4H PAR-4HUEX-O-KV (KaVo® MULTIflex® LUX ¹)
16-5357527	TwinPower Turbine 4H PAR-4HUEX-O-SR (Sirona® R/F ¹)
16-5357519	TwinPower Turbine 4H PAR-4HUEX-O-WH (W&H® Roto Quick ¹)
16-5357500	TwinPower Turbine 4H PAR-4HUEX-O-NK (NSK® FlexiQuick ²)

TwinPower Turbine UltraM (Mini)



16-5356989	TwinPower Turbine 4H PAR-4HUMX-O (TwinPower Morita)
16-5357578	TwinPower Turbine 4H PAR-4HUMX-O-KV (KaVo® MULTIflex® LUX ¹)
16-5357608	TwinPower Turbine 4H PAR-4HUMX-O-SR (Sirona® R/F ¹)
16-5357594	TwinPower Turbine 4H PAR-4HUMX-O-WH (W&H® Roto Quick ¹)
16-5357586	TwinPower Turbine 4H PAR-4HUMX-O-NK (NSK® FlexiQuick ²)

TwinPower Turbine 45 and TwinPower Turbine 45 Non-Optic (45°)



16-5344670	TwinPower Turbine (With Optics) 4H PAR-4HEX-O-45 (TwinPower Morita)
16-5350522	TwinPower Turbine (With Optics) 4H PAR-4HEX-O-KV-45 (KaVo® MULTIflex® LUX ¹)
16-5361087	TwinPower Turbine (Non-Optic) 4H PAR-4HEX-45 (TwinPower Morita)
16-5361079	TwinPower Turbine (Non-Optic) 4H PAR-4HEX-KV-45 (KaVo® MULTIflex® LUX ¹)

TwinPower Turbine Basic



16-5360838	TwinPower Turbine 4H PAR-4HEX-B (4-Hole)
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TwinPower Turbine 45 Basic (45°)



16-5606322	TwinPower Turbine 4H PAR-4HEX-B-45 (4-Hole)
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TwinPower Morita Coupling Options



16-5354978	TwinPower coupling CP4-LD (with LED light)
16-5354951	TwinPower coupling CP4-W-LD (with water adjustment & LED light)
16-5333830	TwinPower coupling CP4-O (with light)
16-5339421	TwinPower coupling CP4-WVO (with water adjustment & light)
16-5333881	TwinPower coupling CP4 (without light)
16-5349214	TwinPower coupling CP5-O (with optics)

¹ KaVo MULTIflex LUX is a registered trademark of Kaltenbach & Voigt GmbH. Sirona is a registered trademark of Sirona Dental Systems GmbH. W&H and Roto Quick are registered trademarks of W&H Dental Bürmoos GmbH.

² NSK and Phatelus are registered trademarks of NAKANISHI INC. Name of coupling varies by country.