2010 THE DENTAL ADVISOR

Top Air-Driven, High Speed Handpiece

TwinPower Turbine + + + + +

J. Morita USA
800.831.3222 • 949.581.9600
www.jmoritausa.com

Description

TwinPower Turbine is a high-speed, fiberoptic handpiece. It utilizes a double-impeller design that is reported to deliver optimal performance while maintaining constantly balanced torque. This lightweight (48 g) handpiece features a ceramic finish grip, three air/water spray nozzles and a push-button chuck. The head measures 13.2mm high and 10.5 mm in diameter and is angled at 15° to increase user visibility and maneuverability. ***TwinPower Turbine*** is available in five connection styles: Morita Type, Sirona RF, W&H Roto Quick, Kavo MULTIflex LUX, and NSK FlexiQuick. ***TwinPower Turbine*** also has couplers available for 4-hole, 5-hole and 6 pin tubings. The handpiece operates at 29-42 psi and has a maximum rotation speed of about 370,000 rpm. A quick-stop feature is designed to stop the turbine in two seconds and the handpiece is also designed with a pressurized diffuser to eliminate suck back in the air line. ***TwinPower Turbine*** must be sterilized and lubricated according to manufacturer's recommendations. This handpiece was evaluated by 14 clinical consultants during 1,100 uses and received a 96% clinical rating.



Consultants' Comments

- *"The handpiece is lightweight and feels good to hold."*
- *"It has lots of power and doesn't bog down."*
- *"The best handpiece I have ever used."*
- *"This is an awesome handpiece."*
- *"The directions for maintenance protocols are not very clear."*

Consultants reported that the directions for maintenance and lubrication could be clearer. Of 14 clinical consultants, 71% said they would switch to the ***TwinPower Turbine*** while 93% would recommend it to a colleague and 93% thought it was equal to or better than the handpiece they were currently using.

Clinical Tips

- Follow the directions for lubrication.
- Make sure the air pressure is set properly on each unit. ■

Equipment Features

Consultants found that TwinPower Turbine is an excellent handpiece with excellent accessibility and visibility of the oral cavity. The high-quality illumination and water spray made using the handpiece easy as did the highly-rated ergonomics of fit to the hand, balance, shape and tactile feel. Consultants noted an excellent power output without bogging down. The easy-to-use push-button chuck made switching burs simple.

 © 2010 Dental Consultants, Inc.