

VORTICE®

Pneumatic micromotor



SIMPLIFYING DENTAL MOTION

VORTICE®

The new improved model by TKD



New features

- Redesigned rotor for higher power and greater performance.
- Torque keeps extremely high in all the speed range, even under sustained load.
- Smooth and quiet running.
- Speed can be adjusted by means of the rotating ring in both forward/reverse drive.
- Standard internal spray system to fit any E-type straight and contra-angle handpieces.
- Long working life and low maintenance costs.



Connection

The micromotor is available with 4-hole or rapid connection. The latter connection, together with the GYROFLEX® rapid coupling, allows the instrument to turn freely and smoothly throughout 360 degrees, thereby increasing drilling precision. The instrument can also be used with the Multiflex® rapid couplings.

Multiflex® is a registered trademark of Kaltenbach & Voigt GmbH, Germany.



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Technical data

Reference number:

REF 224.40 (4-hole connection)
REF 224.52 (Multiflex® connection)

Rotation speed:

5000 ÷ 20000 rpm

Air pressure:

2.9 ÷ 3.1 bar (42 ÷ 45 psi)

Maximum air consumption:

63 Nl/min

Maximum noise level:

61 dBA @3.1 bar

Weight:

98 g

Sterilisation:

By autoclave up to 135°C / 2 bar (275°F / 29 psi)

Standard conformity:

ISO 13294, ISO 3964



UNI EN ISO 9001



UNI EN ISO 13485



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