



COMFORTdrive
EMBRACE ●●● PERFORMANCE

COMFORTdrive® features precise cutting performance in a lighter, shorter and quieter handpiece making it the most innovative high-speed ever!

- PRECISE PERFORMANCE
- SUPERIOR COMFORT
- SEAMLESS INTEGRATION



KaVo. Dental Excellence.



Protect Your COMFORTdrive Investment with the QUATTROcare Automatic Handpiece Maintenance System

Ensures proper cleaning and removal of debris

Prior to every sterilization, the unique cleaning and maintenance mixture expands 200–300 times inside the instrument, producing a highly effective cleaning foam. The automatic dispenser delivers the precise amount of cleaner and lubricant time after time, leading to longer handpiece life and less repair needs. When the COMFORTdrive handpiece is maintained by QUATTROcare, the standard 2-year product warranty is extended to 2-1/2 years.

Components of the COMFORTdrive System:

COMFORTdrive 200 XDR

High-Speed handpiece with patented, integrated micro-motor

- Speed range 30,000 – 200,000 rpm
- 30 Watt power
- Ceramic Bearings
- Integrated brushless motor
- Sterilizable up to 135°C (275° F)
- 25,000 LUX light intensity
- 3-Port spray
- 2-year warranty, 2-1/2 years if maintained by KaVo QUATTROcare®; requires separate QUATTROcare® adapter.



COMFORTtronic Control Module

Connects to your dental unit tubing

- Intelligent automatic calibration
- Feathered speed via foot control
- No need for button pushing to control speed or calibrate
- No display needed, integrates discretely into your operatory
- 3-year warranty



COMFORTbase 404L Coupling System*

Connecting COMFORTdrive and COMFORTtronic

- Tubing with integrated coupling (not detachable)
- Integrated light source (high-pressure lamp)
- Anti-retraction valve
- 3-year warranty



*NOTE: COMFORTdrive is only compatible with COMFORTbase

Item	Description	Part No.
COMFORTdrive Full Operatory Package	Includes (3) COMFORTdrive 200 XDR Handpieces, (1) COMFORTtronic control module & power supply, and (1) COMFORTbase coupling and tubing	1007.4682
COMFORTdrive System	Includes (1) COMFORTdrive 200 XDR Handpiece, (1) COMFORTtronic control module & power supply, and (1) COMFORTbase coupling and tubing	1007.3656
COMFORTdrive 200 XDR Handpiece	Single COMFORTdrive 200 XDR Handpiece	1007.3570
QUATTROcare® Maintenance System	Automatic Handpiece Maintenance and Purging System	0411.7800
COMFORTdrive QUATTROcare Adapter	Allows COMFORTdrive to be maintained by the QUATTROcare® unit	1005.1707
COMFORTdrive Spray Nozzle**	KaVo spray nozzle for COMFORTdrive	1005.3154

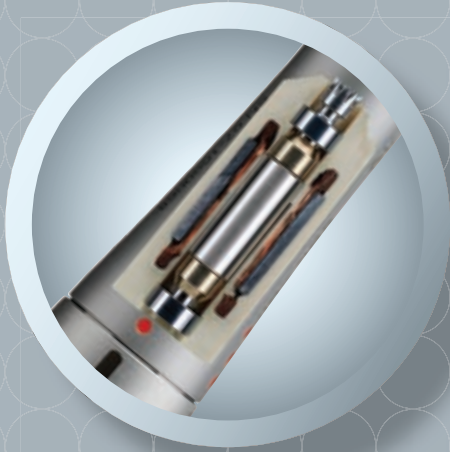
**Spray nozzle included in COMFORTdrive Full Operatory Package and COMFORTdrive System

EMBRACE PERFORMANCE! Contact your authorized KaVo dealer or KaVo rep for an in-office demonstration, call 1-888-ASK-KAVO or sign up for a demo online at www.kavocomfortdrive.com



COMFORTDRIVE®

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The most innovative high-speed ever!



KaVo. Dental Excellence.

Precise Performance

Precise cutting and smoother preparations

30 Watts
of constant power
for smoother
and faster
preparations

Ceramic bearings

Freedom from replacing turbines;
no more costly change-outs

Patented angle provides superior access
to molar regions

Proven Plasmatec coating allows better
tactile feel and hygiene

Patented integrated micro-motor allows
feathering from 30,000 to 200,000 rpm

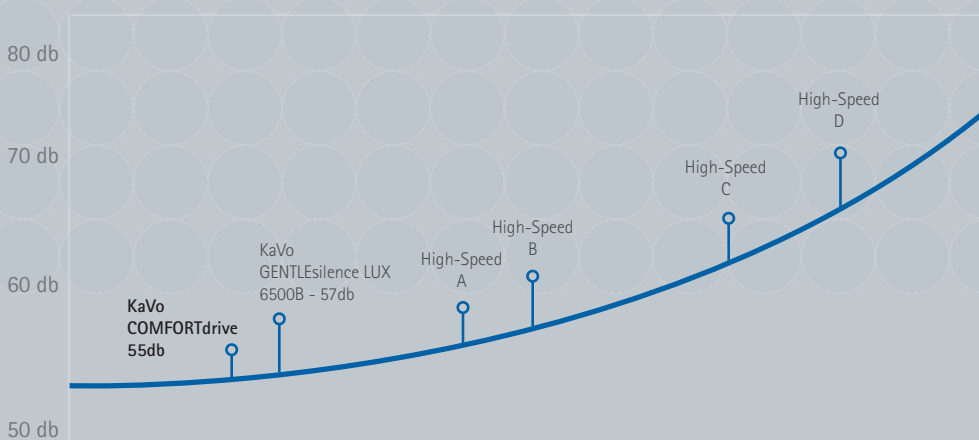
SAFEdrive Technology featuring
sterilizable motor

Exceptional bur concentricity

COMFORTdrive features KaVo's industry-leading chuck strength. The chuck strength delivers exceptional bur concentricity for precise cutting and safety. The bur concentricity and chuck strength further establish COMFORTdrive as the handpiece for all your high-speed needs.

Whisper Quiet at 55 dB

COMFORTdrive operates at only 55 dB, making it the quietest high-speed handpiece on the market today.



The COMFORTdrive handpiece runs at a very low decibel level (55 dB) for a relaxed, comfortable, and safe working environment. (The human ear senses a reduction of 8-10 decibels as a 50% reduction in loudness.*)

*Source: Bies, D.A., Hansen, C.H., 1996. Engineering noise control: theory and practice, 2nd ed. E & FN Spon, London, New York.

Superior Comfort

Lighter, shorter and quieter for the perfect feel

Anti suck-back system prevents debris from entering the bearing, increasing hand-piece longevity and safety

Exceptional bur concentricity assists better defined margins

40%
lighter and 15% shorter
than market-leading electric
options providing the
perfect feel

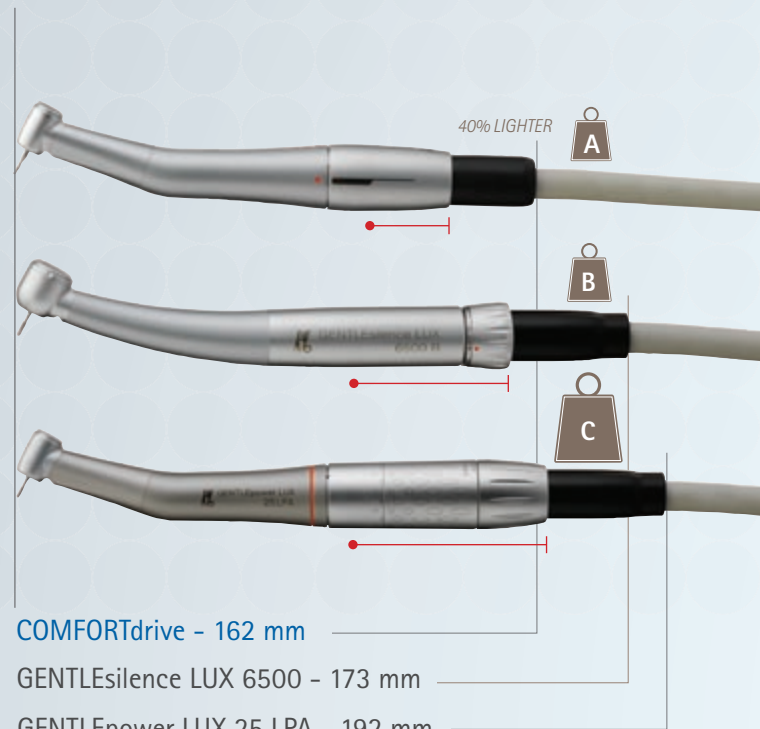
Unique carbide chucking sleeve provides strongest bur gripping for increased concentricity, durability, and safety

25,000 LUX of focused light, right at the bur tip

All day, every day comfort

COMFORTdrive's unique patented design weighs approximately 40% less and is 15% shorter than market-leading electric options. The integrated motor reduces the distal length after the pivot point in the doctor's hand allowing for an unprecedented degree of control.

KaVo's innovative design reduces forearm and finger fatigue with the comfort and familiar feel of air-driven high-speeds. This next generation handpiece is the high-speed doctors will want to use all day, every day.



The COMFORTdrive is shorter and lighter than market-leading air and electrics.

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Represents the distance respective from each handpieces' pivot point to the end of the instrument.

Seamless Integration

There is no learning curve with COMFORTdrive

Works the way you work

The COMFORTdrive system consists of the COMFORTdrive 200 XDR handpiece, the COMFORTtronic control box and the COMFORTbase coupling. The COMFORTtronic control module

50%
more feathering range
operating between
30,000 - 200,000
RPM's

features an auto-calibration "Plug-n-Prep" which allows for air-like "feathering" between 30,000 - 200,000 rpm with the foot pedal. It works off the current air source and no adjustment is required of any other equipment in the office.

It works the way you are accustomed to working with air-driven instruments. Therefore, doctors using air-driven handpieces can seamlessly transition to COMFORTdrive with no learning curve.



Seamless integration

Sleek and compact, the COMFORTtronic module neatly incorporates into any operatory, offering an aesthetic, clean look in your dental practice. Simply dedicate the high-speed slot in your dental unit to COMFORTdrive and maintain your existing low-speed option. COMFORTdrive will be available as an integrated option into the Pelton & Crane Spirit 3000 series of delivery units soon.



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