

Benefit - Feature Sheet: KaVo K5plus / K-Control

Key selling points:

- 1) 4,5Ncm of torque and speeds of up to 35,000 rpm clockwise rotation. Optional speed limiting to 30,000rpm
- 2) Durable drive with single-shaft system
- 3) Proven quick-clamping system, easy and safe
- 4) Digital speed display with functional analysis at the control unit
- 5) Control unit compatible with other KaVo Handpieces

Applications:

- Precious metals
- Plaster and plastics
- Partially model cast

Important technical data

- Torque: 4.5 Ncm
- Speed: Up to 35,000 rpm



K5_plus

USP (x)	Priority (1st, 2nd, 3rd, etc.)	Benefit Type	Need / Problem	Product Characteristic / Feature	Benefit / Value	General Evidence / Proof	NSK Ultimate 500 Handpiece Compact	Schick C1	W&H Perfecta 300
Key Selling Propositions									
	1	Economy	Economical handpiece	• Optimum ratio between price and performance	• Optimum ratio between price and performance	Our most economical and cost-effective handpiece			
	2	Quality	Value retention / frequency of repairs	• Minimal number of components, moving parts and ball bearings	• Highly reliable handpiece -> Lower repair costs	Far in excess of 20,000 K-Control units sold and evaluated	[-] Over 40 components		
	2	Quality	Value retention / frequency of repairs	• Sealed ball bearing system	• Highly reliable handpiece -> Lower repair costs		[-] No ball bearing protection when not in use		
	2	Quality	Value retention / frequency of repairs	• Brushless, induction motor	• No costs for replacement of brushes • Less friction results in cooler running		Brushless motor	Brushless motor	Brushless motor
Other Selling Propositions									
		Quality	Efficient performance	• 4.5 Ncm torque	• Suitable for nearly all conventional dental materials				
		Quality	Efficient performance	• Speed range: 1,000 - 35,000 rpm	• Suitable for nearly all conventional dental materials				
		Quality	Smooth and quiet operation	• Single-shaft system supported by two ball bearings	• Quiet operation				
		Ease-of-use	continuous work possible - no warm and overheated HP	optimized motor efficiency results in minimized heat losses	efficient and fast work without errors	comparison of temperature (protocols)			
		Quality	Instrument vibration, causing numbness or sensitivity in the hand and poor finished surface of work-piece	• Maximum concentricity • Precisely balanced armature	• No disturbing vibrations -> Better results	Demonstrate			
		Quality	Easily understood controller	• Foot, knee and bench-top control units, each with a safety-limit switch for "maximum speed" capping • Compatible with nearly all laboratory drive systems	• Intuitive to use • No learning curve				
		Flexibility	Compatibility of different KaVo handpieces with control devices	• KaVo-compatible control	• No additional investments				

		Ergonomics	Continuous tension in your hand & wrist when working, from a heavy unbalanced handpiece, with an inappropriately positioned pivot (balance) point	<ul style="list-style-type: none"> • Both light and short handpiece 	<ul style="list-style-type: none"> • Relaxed grip • Lies optimally in the hand 				
		Economy	Repair costs	<ul style="list-style-type: none"> • Modular design • Single-shaft system 	<ul style="list-style-type: none"> • Economical repairs 		Complex two-shaft system		