

# NSK



Powerful Partners®



## Premium Contra-angles

# Ti-Max X

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# Simply Breathtaking

Feel the Satisfaction of X Series Performance



The NSK X Series premium contra-angles feature the latest technology combined with elegant yet ergonomic design.

NSK continues to take advantage of the user friendliness of titanium and enhances the instruments further by introducing DURACOAT, a surface treatment to optimise durability and scratch resistance.

The X Series embodies the latest technological advances and NSK know how. Standard product features are: 4 hole spray, clean head system, cellular glass optics and ceramic ball bearings. The X GEAR SYSTEM delivers extremely silent operation with minimal vibration to facilitate efficient and comfortable treatment. Quality, functionality and superior performance are synonymous with the X Series.

With wide variety of models the X Series offers the instrument of choice for any application.

The X Series has been designed without compromise to pay attention to every detail. Access and visibility were the deciding criteria during the design process of the X Series instrument body. Unrivalled reliability and superior operator and patient comfort reflect all the know how that was built into each and every model of the X Series.



### 1 Ceramic Bearings

Ceramic Bearings are 25% harder than conventional steel bearings, but are only half the weight. The positive effect of Ceramic Bearings is that frictional wear, between the bearings and bearing retainers, is significantly reduced.

### 2 Clean Head System

The NSK Clean Head System is integrated into the handpiece head. This mechanism is designed to automatically prevent the entry of oral fluids and other contaminants into the internal part of the head. As a result, the NSK Clean Head System prolongs the life of the bearings and infection control is greatly enhanced.

### 3 4 Water Spray Outlets

Ti-Max X95L has 4 water spray outlets to efficiently cool the entire preparation area.



### 4 Solid Titanium Body

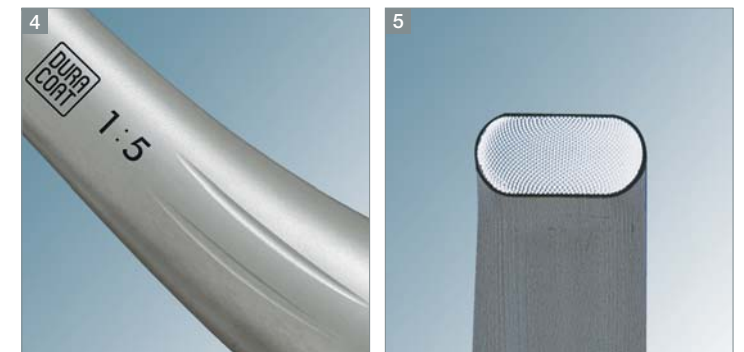
NSK successfully combines years of research and the most advanced production technology to bring the solid titanium handpiece to your hands. Titanium is lighter by 30% than stainless steel, more durable and highly corrosion resistant. Improved tactile sense, together with well-balanced shape, helps you to work more efficiently in most precise application and in prolonged session.

### NSK DURACOAT

DURACOAT, NSK's latest surface enhancement technology, takes advantage of the non allergic and biocompatible properties of titanium to further improve durability. DURACOAT creates a smooth, scratchproof surface that feels comfortable in the hand.

### 5 Cellular Glass Optics

The handpiece uses a glass optical rod to efficiently transmit light. Emitting light at a level of 25,000 LUX, the handpiece allows treatment to be carried out stress free by illuminating the entire operative field. The cellular rod also displays remarkable durability and will not deteriorate from repeated autoclave sterilisation, or under similar harsh conditions.







# Outstanding Benefits

The Liberating Power of Superb Ergonomic Comfort



# Ti-Max X Series

Delivering Power with Absolute Precision

Gear Ratio	1:5 Increasing	1:1 Direct Drive			4:1 Reduction	10:1 Reduction	16:1 Reduction	1:1 Direct Drive
Speed	Max. 200,000 min <sup>-1</sup>	Max. 40,000 min <sup>-1</sup>			Max. 10,000 min <sup>-1</sup>	Max. 4,000 min <sup>-1</sup>	Max. 2,500 min <sup>-1</sup>	Max. 40,000 min <sup>-1</sup>
Products								
Model	X95L	X25L	X20L	X15L	X12L	X10L	X65L	
Order Code	C600	C601	C605	C602	C606	C603	H273	
Bur Type	For FG burs (ø1.6)	For CA burs (ø2.35)	For FG burs (ø1.6)	For CA burs (ø2.35)	For CA burs (ø2.35)	For CA burs (ø2.35)	For HP/CA burs (ø2.35)	
Light Power	25,000 LUX	25,000 LUX	25,000 LUX	25,000 LUX	25,000 LUX	25,000 LUX	25,000 LUX	
Spray	Quattro Spray	Single Spray	Single Spray	Single Spray	Single Spray	Single Spray	Single Spray	

 Washable in the thermodisinfectior
  Autoclavable at 135°C max