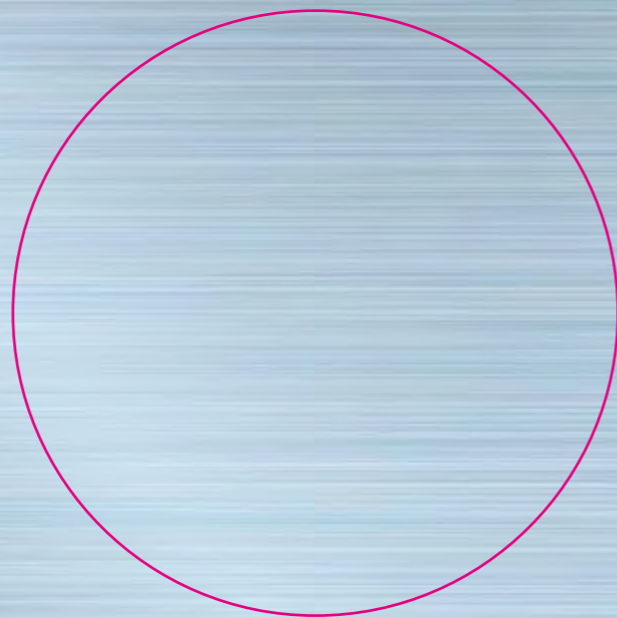


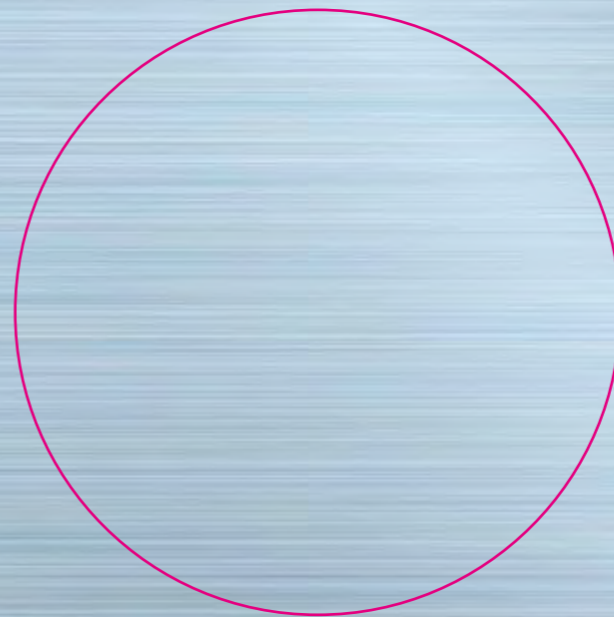
S-Max M Series

CONTRA-ANGLES



**NSK**

**NSK**



AIR TURBINES

S-Max M Series

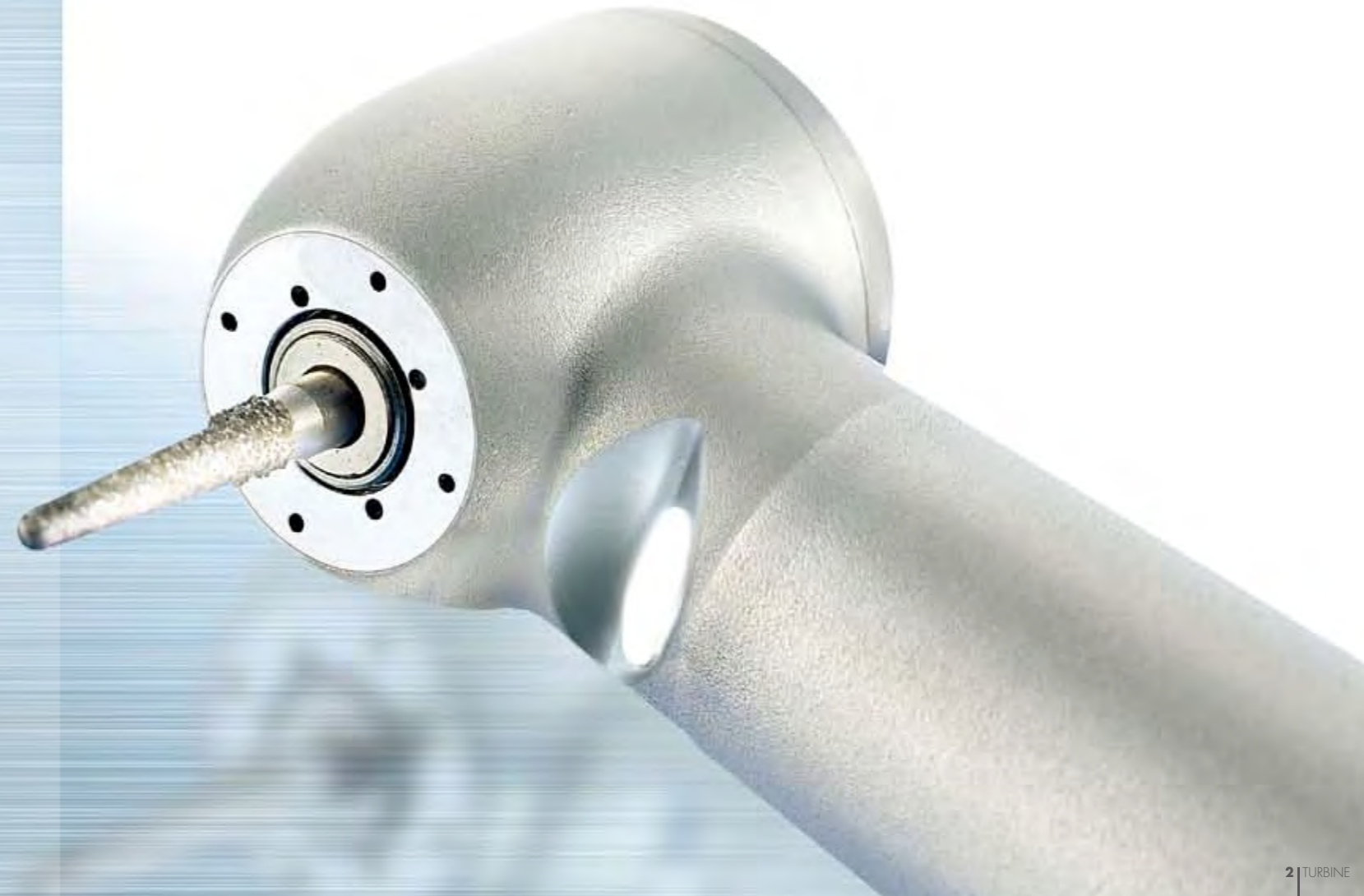
# S·Max M

coMfortable Performance Series

AIR TURBINES

## SLIM ERGONOMIC DESIGN AND UNRIVALLED CUTTING PERFORMANCE

Unrivalled cutting performance, slim ergonomically designed body and excellent visibility. The NSK S-Max M Series has been designed without compromise. Experience it for yourself.





# S·Max M

coMfortable Performance Series  
AIR TURBINES

### Clean Head System



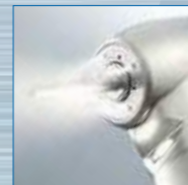
The patented NSK Clean Head System is a special mechanism designed to automatically prevent the entry of oral fluids and other contaminants into the handpiece head prolonging the life of the bearings.

### Cartridge Replacement



Cartridges are easily replaced in your practice helping you to control cost and down-time. The replacement cartridge incorporates the spray holes to guarantee cartridge and water spray always work well together.

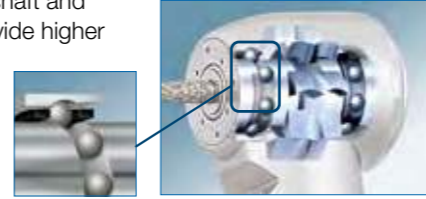
### Quattro Water Spray & Cellular Glass Optics



The NSK Quattro Water Spray effectively cools the entire operating field whilst the cellular glass optic rod delivers light exactly where it is needed.

### NSK "ISB" Integrated Shaft Bearings

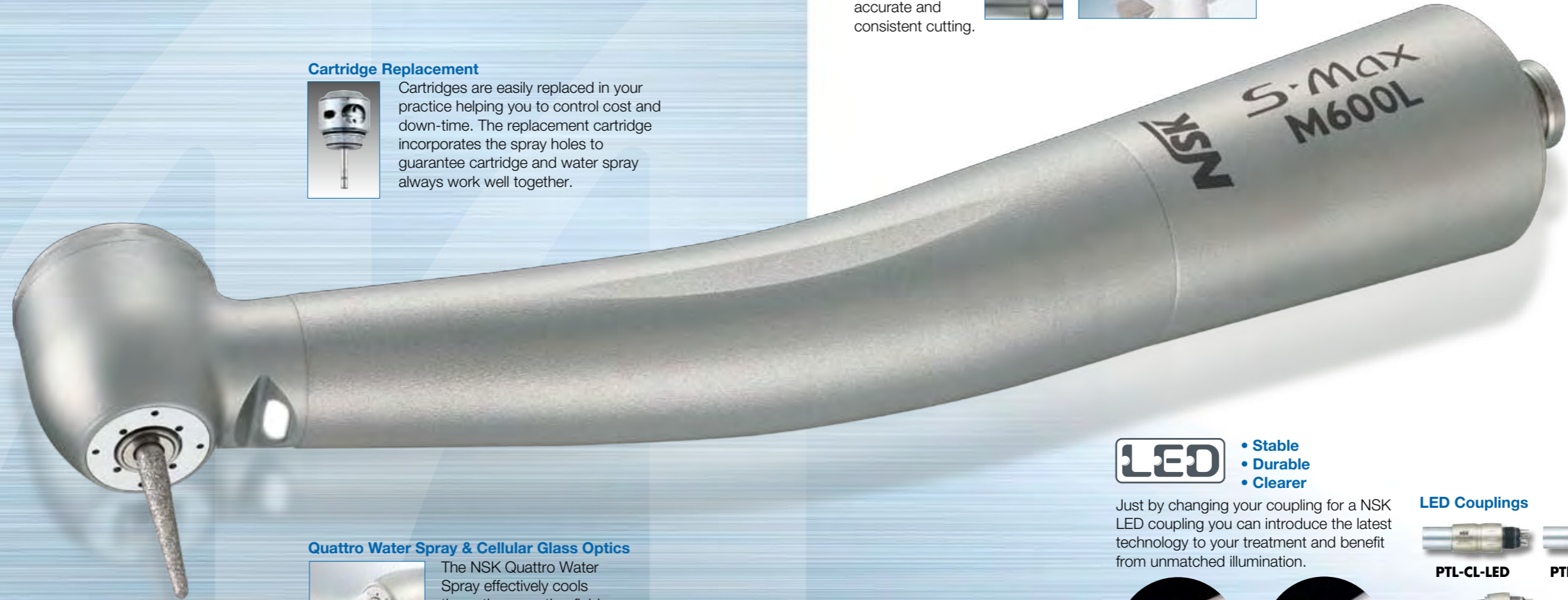
In the NSK ISB, the shaft itself forms the inner race. Unification of the shaft and the inner race provide higher rigidity which in reduces vibration and guarantees more accurate and consistent cutting.



### Slim design with stainless steel body

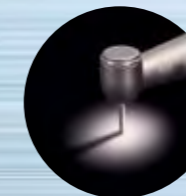


Slim ergonomically designed instrument body guarantees excellent visibility and comfortable operation allowing you to work even more precisely and effectively.

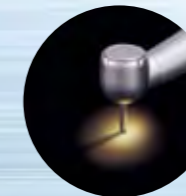


- Stable
- Durable
- Clearer

Just by changing your coupling for a NSK LED coupling you can introduce the latest technology to your treatment and benefit from unmatched illumination.



NSK LED



Ordinary Halogen

### LED Couplings



PTL-CL-LED



PTL-CL-LED III



KCL-LED



SCL-LED

### Air Turbines\*

**M600WLED**  
**M600BLED**

\*Please refer to page 8.



S·Max M

coMfortable Performance Series

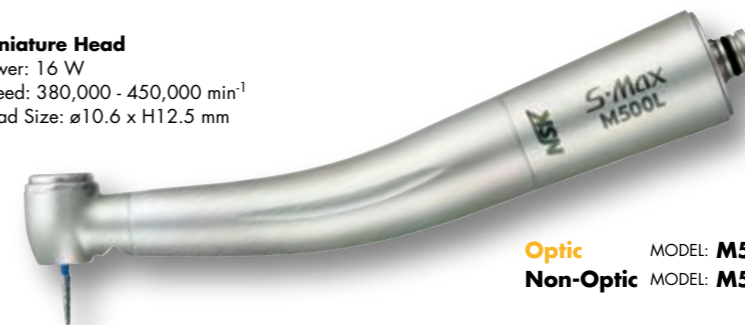
AIR TURBINES



## Connect to NSK Couplings

### Miniature Head

Power: 16 W  
Speed: 380,000 - 450,000 min<sup>-1</sup>  
Head Size: ø10.6 x H12.5 mm



**Optic** MODEL: **M500L** ORDER CODE: **P1001**  
**Non-Optic** MODEL: **M500** ORDER CODE: **P1003**

### Standard Head

Power: 17 W  
Speed: 360,000 - 430,000 min<sup>-1</sup>  
Head Size: ø 12.1 x H13.5 mm



**Optic** MODEL: **M600L** ORDER CODE: **P1002**  
**Non-Optic** MODEL: **M600** ORDER CODE: **P1004**

**LED**



MODEL: **PTL-CL-LED** ORDER CODE: **P1001600**



MODEL: **PTL-CL-LED III** ORDER CODE: **P1001601**  
with water volume adjuster



Washable in the  
thermodisinfector



135°C  
Autoclavable  
up to 135°C

**Miniature Head**

Power: 16 W  
Speed: 380,000 - 450,000 min<sup>-1</sup>  
Head Size: ø10.6 x H12.5 mm



**Optic** MODEL: **M500KL** ORDER CODE: **P1005**  
**Non-Optic** MODEL: **M500K** ORDER CODE: **P1007**

**Standard Head**

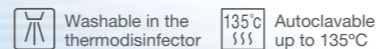
Power: 17 W  
Speed: 360,000 - 430,000 min<sup>-1</sup>  
Head Size: ø12.1 x H13.5 mm



**Optic** MODEL: **M600KL** ORDER CODE: **P1006**  
**Non-Optic** MODEL: **M600K** ORDER CODE: **P1008**

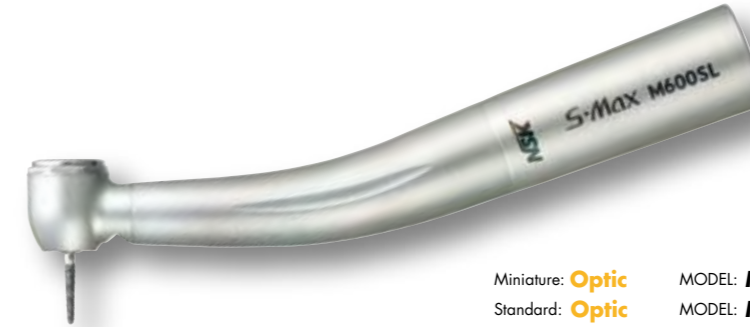


MODEL: **KCL-LED** ORDER CODE: **P1005600**  
• For KaVo® MULTiflex® LUX (water volume adjuster)



KaVo® and MULTiflex® LUX are registered trademarks of Kaltenbach & Voigt GmbH & Co.

**Miniature Head** : Power : 16 W, Speed: 380,000 - 450,000 min<sup>-1</sup>, Head Size : ø10.6 x H12.5 mm  
**Standard Head** : Power : 17 W, Speed: 360,000 - 430,000 min<sup>-1</sup>, Head Size : ø12.1 x H13.5 mm



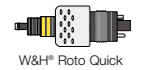
Miniature: **Optic** MODEL: **M500SL** ORDER CODE: **P1009**  
Standard: **Optic** MODEL: **M600SL** ORDER CODE: **P1010**



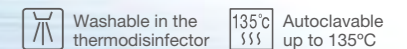
MODEL: **SCL-LED**  
ORDER CODE: **P1009600**  
• For Sirona® Joint with optical (water volume adjuster)



Standard: **Optic** MODEL: **M600WLED** ORDER CODE: **P1096001**



Standard: **Optic** MODEL: **M600BLED** ORDER CODE: **P1057001**



Sirona® is a registered trademark of Sirona Dental Systems GmbH.  
W&H® is a registered trademark of W&H Dentalwerk Bürmoos GmbH.  
Bien-Air® and Unifix® are registered trademarks of Bien-Air Dental S.A.



# S·Max M

coMfortable Performance Series

## CONTRA-ANGLES



Quattro Spray



**Optic** MODEL: **M95L** ORDER CODE: **C1023**  
**Non-Optic** MODEL: **M95** ORDER CODE: **C1026**  
**1:5 Increasing**  
• Quattro Spray • For FG burs (ø1.6)  
• Max Speed: 200,000 min<sup>-1</sup>



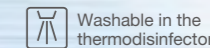
**Optic** MODEL: **M25L** ORDER CODE: **C1024**  
**Non-Optic** MODEL: **M25** ORDER CODE: **C1027**  
**1:1 Direct Drive**  
• Single Spray • For CA burs (ø2.35)  
• Max Speed: 40,000 min<sup>-1</sup>



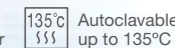
**Optic** MODEL: **M15L** ORDER CODE: **C1025**  
**Non-Optic** MODEL: **M15** ORDER CODE: **C1028**  
**4:1 Reduction**  
• Single Spray • For CA burs (ø2.35)  
• Max Speed: 10,000 min<sup>-1</sup>



**Non-Optic** MODEL: **M65** ORDER CODE: **H1008**  
**1:1 Direct Drive**  
• Single Spray • For HP burs (ø2.35)  
• For CA burs (ø2.35)\*  
\*Need to insert the supplied bur stopper  
• Max Speed: 40,000 min<sup>-1</sup>



Washable in the thermodisinfectant



Autoclavable up to 135°C



# S·Max M

coMfortable Performance Series

## CONTRA-ANGLES

### Ceramic Bearings



Ceramic Bearings are 25% harder than conventional steel bearings but are only half the weight. Because frictional wear between the ball bearings and the bearing retainer is significantly reduced the efficiency and durability is significantly increased. (M95L / M95)

### Clean Head System



The patented NSK Clean Head System is a special mechanism designed to automatically prevent the entry of oral fluids and other contaminants into the handpiece head prolonging the life of the bearings.

### Quiet and no vibration

NSK ultra-precision micro machining technology know-how has been applied to design an internal gearing system that remarkably reduces noise and vibration to the lowest level resulting in improved comfort for patients and clinicians.



### Quattro Water Spray & Cellular Glass Optics



The NSK Quattro Water Spray effectively cools the entire operating field whilst the cellular glass optic rod delivers light exactly where it is needed. (Quattro Water Spray: M95L / M95)

### Ergonomic design with stainless steel body

The instrument design guarantees best possible access to the operating site, excellent balance and tactile feel.



# S·Max M

coMfortable Performance Series

CONTRA-ANGLES

## INCOMPARABLE POWERFUL CUTTING AND SUPERB GRIP

S-Max M Series contra-angles allow cost-effective powerful cutting. Durable and quiet the ergonomic and well balanced instrument allows good accessibility and has superb grip. The NSK S-Max M Series has been designed without compromise. Experience it for yourself.



Specifications are subject to change without notice. [2010.2]

**NSK** [www.nsk-inc.com](http://www.nsk-inc.com)

