

# INNOVATION AND PERFORMANCE

# IDS 2009

## SPECIAL NEW PRODUCTS



**Laboratory  
Brushless  
Micromotors  
& Turbines**



**PRESTO AQUA LUX**  
Optic air turbine with L.E.D. and adjustable spray  
Turbine without lubrication - Dust-proof mechanism  
Anti-twist cord - reduced vibration and noise  
320 000 min<sup>-1</sup> - Easy maintenance  
Complete set

**ULTIMATE XL series**  
Laboratory brushless micromotor - Torque: 6 to 8.7 Ncm  
Speed : 1,000 to 50,000 min<sup>-1</sup>  
Lightweight, ergonomic design, minimal vibration and noise  
low-noise low-vibration body  
dust proof mechanism  
\*Available : bench, tower, knee and foot.



**COLOUR  
TURBINES**

<b>X650L BL Blue</b> For NSK Reference : P496-002	<b>X650KL BL Blue</b> For Kavo® Reference : P858-002
<b>X650L YL Yellow</b> For NSK Reference : P496-006	<b>X650KL YL Yellow</b> For Kavo® Reference : P858-006
<b>X650L GL Grey</b> For NSK Reference : P496-007	<b>X650KL GL Grey</b> For Kavo® Reference : P858-007

**Ti-Max X650L COLOUR TURBINES**  
To add a personal touch to your work environment, NSK developed a brand-new range of colour turbines. This new Ti-Max X650L series, with an unbeatable quality/price ratio, is equipped with LED couplings for ultrapowerful clear vision. These innovative instruments offer several advantages : synthetic comfort-grip finish, (light, resistant, hygiene), ISB® (Integrated Shaft Bearings) (reliability, low noise levels), special-surface synthetic body (resistant to scratches, shock and repeated autoclave treatments), cross-contamination protective device (Clean Head System®), quattro spray and cellular glass optics.



# Ti-Max X Series, eXtreme Premium series.

The Ti-Max X Series turbines (NSK and Kavo® couplings) are equipped with very powerful LED illumination and deliver unrivalled performance. These instruments are made of titanium (lightness, resistance, hygiene) and offer several advantages : ISB® (Integrated Shaft Bearings) (reliability, low noise levels), DURACOAT® surface treatment (resistant to scratches, shock and repeated autoclave treatments), cross-contamination protective device (Clean Head®), quattro spray and cellular glass optics.



## Ti-Max X TURBINES

**X600 L**  
NSK output for connection to NSK LED coupling.  
Reference : P496

**X600 KL**  
Kavo output for connection to Kavo LED coupling.  
Reference : P858

**Notes :** traditional Ti-Max X Series turbines come in 3 head sizes: Mini, Standard and Torque, with 5 possible couplings: NSK, Kavo®, Sirona®, W&H® and Bien-Air®.



## QUICK LED COUPLINGS

NSK launches an innovative very powerful LED illumination at a very low price! NSK has created for you 2 quick LED optic couplings : one for the NSK optic coupling turbine, and one for the Kavo optic coupling turbine.



**NSK L.E.D. coupling**  
For NSK  
Reference : P1001-601

**Multiflex Kavo L.E.D. coupling**  
For Kavo® MULTiflex® LUX  
Reference : P1005-600



**Red contra-angle X95 L**  
Multiplier 1 : 5  
Reference: C600

**Blue contra-angle X25 L**  
Direct drive 1 : 1  
Reference: C601

**Green contra-angle X15 L**  
Reducer 4 : 1  
Reference: C602

**Blue handpiece X65 L**  
Direct drive 1 : 1  
Reference: H273

## Ti-Max X contra-angles

When used with an NSK M40 LED micromotor, the contra-angles of the Ti-Max X Series benefit from very powerful LED light and deliver unrivalled performance. These instruments are made of titanium (lightness, resistance, hygiene), and offer several advantages: X Gear system ceramic ball bearings (reliability, low noise levels), DURACOAT® surface treatment (resistant to scratches, shock and repeated autoclave treatments), cross-contamination protective device (Clean Head System®), quattro spray for the contra-angle multiplier by 5, monospray for the reducers and the 1 : 1, positioning drives, and cellular glass optics.

# S-Max M Series, coMfortable Performance series.

The new S-Max M Series turbines (NSK and Kavo® couplings) are equipped with very powerful LED illumination and deliver unrivalled performance. These instruments are made of stainless steel (lightness, resistance, hygiene), and offer several advantages : ISB® (Integrated Shaft Bearings) (reliability, low noise levels), DURACOAT® surface treatment (resistant to scratches, shock and repeated autoclave treatments), cross-contamination protective device (Clean Head System®), quattro spray and cellular glass optics.



## S-Max M TURBINES

**M600 L**  
For NSK LED coupling  
Reference : P1002

**M600 KL**  
For Kavo® MULTiflex® LUX LED  
Reference : P1006

**Notes:** the S-Max M Series turbines come in 2 head sizes : Mini, Standard, with 5 possible couplings: NSK, Kavo®, Sirona®, W&H® and Bien-Air®. These models are also available in non-optic versions.



## LED MICROMOTOR

To enable you to benefit from the power of a LED illumination on all your optic contra-angles and handpieces, NSK launches its electric micromotor Cordless M40 optic with LED technology. Their characteristics are exceptional: titanium body, speed range from 60 to 40 000min<sup>-1</sup>, very low noise levels, unmatched reliability, does not heat, connects to virtually all multi-use turbine/motor cords.

**M40 LED Micromotor**  
Electric optic LED micromotor,  
Reference : E 1033

**M40 Micromotor**  
Electric optic micromotor,  
Reference : E317

**Notes :** available in versions Brushless, LED and non-optic.

## S-Max M contra-angles

When used with an NSK M40 LED micromotor, the new S-Max M Series contra-angles benefit from very powerful LED illumination and deliver unrivalled performance. These instruments are made of stainless steel (lightness, resistance, hygiene), and offer several advantages: X Gear system ceramic ball bearings (reliability, low noise levels), special surface treatment (resistant to scratches, shock and repeated autoclave treatments), cross-contamination protective device (Clean Head System®), quattro spray for the contra-angle multiplier by 5, monospray for the reducers and the 1 : 1 and cellular glass optics.



**Red contra-angle M95 L**  
Multiplier 1 : 5  
Reference: C1023

**Blue contra-angle M25 L**  
Direct drive 1 : 1  
Reference: C1024

**Green contra-angle M15 L**  
Reducer 4 : 1  
Reference: C1025

**Blue handpiece M65**  
Direct drive 1 : 1  
Reference: H1008

**Notes :** all these products are also available in a non-optic version.



# WELCOME TO THE WORLD OF NSK

## Air polishing system Prophy-Mate NEO

Available couplings  
NSK®, Kavo®, Sirona®,  
W&H® and Bien-Air®.



## Ti-Max X air scaler S950L

Available couplings  
NSK, Kavo®, Sirona®,  
W&H® and Bien-Air®.



## Endodontics micromotor Endo-Mate TC 2



## Apex locator iPex



new

## Ultrasonic scaler Varios 970 lux Varios 970



## Ultrasonic scaler Varios 750 lux Varios 750



## Ti-Max Micromotor M40 LED CORELESS



## Ti-Max Micromotor NLS LED BRUSLESS



ORAL HYGIENE

ENDODONTICS

new

## Ultrasonic surgery micromotor Optic or non-optic VarioSurg lux VarioSurg



## Surgery micromotor system Surgic XT Plus Surgic XT



## S-Max M contra-angles M95L

Available  
M25L (1:1)  
M15L (4:1)  
M65 (1:1)



MICROMOTORS

SURGERY

## Ti-Max X contra-angles X95L

Available  
X25L (1:1)  
X15L (4:1)  
X65L (1:1)



CONTRA-ANGLES

LABORATORY

new

## Laboratory brushless micromotors ULTIMATE XL

Available : bench, tower, knee and foot



LED coupling  
PTL-CL-LED  
For NSK

LED coupling  
KCL-LED  
For Kavo® Multiflex® LUX

## Ti-Max X Colour Turbines X650L

Available couplings  
NSK, Kavo®, Sirona®,  
W&H® and Bien-Air®.



TURBINES

MAINTENANCE

## Spray and LED laboratory turbine AQUA PRESTO lux AQUA PRESTO II

new



## Cleaning and lubrication station Care 3 plus



## S-Max M turbines M600L

Available couplings  
NSK, Kavo®, Sirona®,  
W&H® and Bien-Air®.



## Ti-Max X Turbines X600L

Available couplings  
NSK, Kavo®, Sirona®,  
W&H® and Bien-Air®.



**NSK**  
POWERFUL PARTNERS

Oral hygiene, scaling, periodontics, endodontics, polishing ...

Varios 970



LED

**Ultrasonic scaler**

Varios 970 LUX is an ultrasonic multi-function system equipped with the latest high-performance technological innovations: very powerful piezzo system, LED optic handpiece (smart, light, easy to use), equipped with 2 independent bottles, auto-cleaning mode, multiple applications: periodontics, scaling, disinfection, endodontic surgery, restoration therapy. A wide range of tips completes this product.

Varios 970 optic LUX

Varios 970 non-optic

new

**Cordless endodontics micromotor**

Endo-Mate TC 2 is a cordless endodontics micromotor, with rechargeable battery. It has several high-performance characteristics: torque and speed control, auto-reverse and alarm function, various adjustable and swivelling micro-heads, simple programming and user-friendly display.

ENDO-MATE TC2  
Reference: Y100-1027



ENDO-MATE TC2

new

Prophy-Mate NEO

**Titanium AIR POLISHING system**

Power and protection of the living support of the tooth are 2 important characteristics of the new Prophy-Mate neo NSK. This new air polisher has an ergonomic design, is light, solid, powerful, has 2 nozzles bent at 60° and 80°, is easy to maintain, and can be connected to the main quick couplings (NSK, Kavo®, Sirona®, W&H®, Bien-Air®).



Prophy-Mate neo  
Reference: Depending on coupling\*  
(NSK, Kavo®, Sirona®, W&H® and Bien-Air®).



**FLASH Pearl sticks**  
Cleaning powder - Spherical calcium granules - Smooth finish - Enamel protection - Biodegradable - Efficiency - Box packaging (100 sticks of 15 g)  
Reference: Y900-693



**FLASH Pearl bottles**  
Cleaning powder - Spherical calcium granules - Smooth finish - Enamel protection - Biodegradable - Efficiency - Bottle packaging (300g X 4)  
Reference: Y900-698

Surgery, implantology, bone surgery, sinus lift, periodontal surgery, endodontic surgery, orthodontics.

**Ultrasonic optic or non-optic surgery**

The VarioSurg is targeted at those devoted to precision, efficiency and safety. It is one of the most powerful products of its generation. VarioSurg is equipped with the latest optical technology, with a smart and ultralight handpiece, and with several control systems (FB Hyb, PLL Pz, Dual PP). A wide range of tips allows it to meet most demands in implantology, bone surgery, sinus lift endodontics, scaling, periodontics ...

VarioSurg



Non-optic handpiece

Optic handpiece

new

VarioSurg complete pack optic handpiece  
Reference : Y141-396

VarioSurg complete pack non-optic handpiece  
Référence : Y1001-196

**Surgical contra-angles and handpieces**

**Red Contra-angle X-SG 93 L**  
Multiplier 1:3  
Référence : C1004

**Blue contra-angle X-SG 25 L**  
Direct drive 1:1  
Référence : C1011

**Green contra-angle X-SG 20 L**  
Reducer 20:1  
Référence : C1003

**Blue straight handpiece X-SG 65 L**  
Direct drive 1:1  
Référence : H1009

**Straight handpiece SGS-ES**  
Direct drive 1:1  
Reference: H264

**Contra-angle SGMS-ER20i**  
Reducer 20:1  
Reference: Y110-147

new



Surgic XT plus

**Surgical micromotor system**

The 4 key characteristics of this surgery micromotor are power, torque, visibility and reliability. It is designed for implantology, stomatology and maxillofacial. Features: 50 Ncm\* torque, 210 W\* power, speed range from 1 to 200 000 min<sup>-1</sup>, autoclavable micromotor and cord, Advanced Torque Calibration (ATC) device and multi-function pedal.

**Surgic XT Plus complete pack**  
Reference: Y141-247  
(with Optic Contra-angle TI-SG20L 20:1)

**Surgic XT complete pack**  
Reference: Y141-383  
(with Non-optic Contra-angle TI-SGM-ER20i 20:1)

