

NSK Create it 

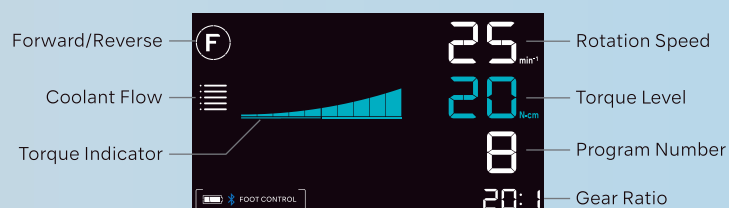
Surgic AP2

Elevate Surgical Precision



The ultimate fusion of precision and simplicity

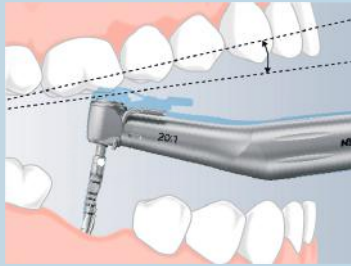
Surgic Ap2, NSK's Designed specifically for oral and implant surgery, Surgic AP2 delivers all the power and performance you will ever need for these procedures. 80N of torque, together with a wide speed-range of 200-40,000min⁻¹ offers the flexibility and fast response required for a variety of surgical procedures. The compact console is user-friendly, simple to operate and has been specifically designed for the aseptic theatre environment.



Superb visibility and operability Large color LCD panel: Visibility is guaranteed with the large, back-lit, high-contrast, LCD panel. The display can be adjusted in 10 brightness levels. The display's intuitive and easy-to-understand icons allow for smooth operation.

A more compact yet powerful motor and minimized handpiece head reduce strain.





This new handpiece has been reduced in size by 2mm (compared to the previous model), making it much easier to create holes using surgical guides. This also allows for a wider field of view for practitioners, significantly improving accessibility to the oral cavity. Additionally, the reduced size dramatically minimizes discomfort for patients during procedures, allowing for a more comfortable overall experience.

Maximum Torque

Surgic AP **50** N-cm

Surgic AP2 **80** N-cm

Silent and Smooth Irrigation Pump

The irrigation pump provides consistent and steady flow operating quietly in the background. Irrigation tube set-up is simple and straight-forward and the pump fits seamlessly in the compact and elegant design of Surgic Ap2.



User-Friendly Foot Control (FC-84)

Foot Control wireless connectivity has been incorporated through Bluetooth®. Without cables, practitioners can freely select their optimal pedal position. It has also been made even lighter, making it easier to quickly adjust positioning.



Contents

- Control Unit • Non-Optic Micromotor (SG80MS)
- S-Max SG20M Handpiece (20:1 Reduction)
- FC-84 Foot Control • Handpiece Stand
- Irrigation Tube (3 pcs.) and Other Accessories

Specifications:

Control Unit

- Power Supply: AC100-240V 50/60 Hz
- Max. Pump Output: 75 mL/min
- Programs: 8
- Dimensions: W 245 x D 235 x H 90 mm

Micromotor

- Motor Speed: 200-40,000 min⁻¹
- Non-optic
- Brushless

Foot Control

- Speed Control: Variable



3 Local Shopping Centre, MOR Land, Near J Block, DDA Market,
New Rajender Nagar, New Delhi – 110060

9821184441, 9599281852, 8448398852 sales@unicorndenmart.com

www.unicorndenmart.com

f in y i /unicorndenmart

Ver 11/2024

SCAN TO VISIT OUR WEBSITE



The All New Surgic Pro2

Optic/Non Optic

Surgical micromotor system connecting you with the future.

Digital Display



Wireless Foot Controller

3 Progress Points

Operability

Safety

Wireless
Extensibility



The internationally acclaimed Surgic Pro surgical micromotor system has evolved into "Surgic Pro2".

There are 3 progress points, in operation, safety and wireless extensibility.

- Easy clean flat LED touch panel screen display
- Multi-function wireless foot control: Coolant Solution Flow Volume Button, PRG (Program) Button, Forward/Reverse Button, Speed Control Pedal
- Programs: 8 Programs / Implant Systems
- Torque: 5-80 Ncm

+91 9599281852, +91 8448398852 | sales@unicorndenmart.com

 www.unicorndenmart.com



WIRELESS EXTENSIBILITY

Wireless connection with multiple devices significantly broadens the scope of implant treatment.

VarioSurg 3
Ultrasonic Bone Surgery

FOOT CONTROL
WIRELESS

Surgic Pro2

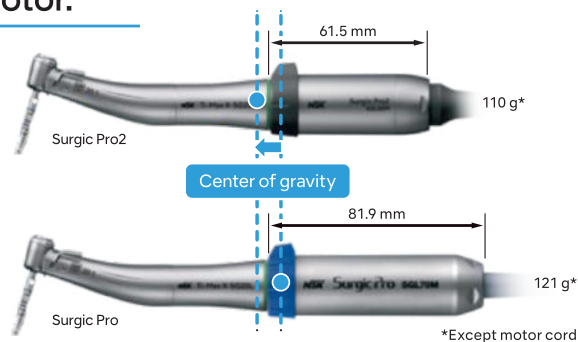
Osseo 100+
Osseointegration Monitoring Device

iPads

Improved operability
A more compact new motor.

Length
24.9% DOWN

Weight
9.1% DOWN



The globally reliable expert of bone cutting

UltraSurgery

- 1 Handpiece
- 14 Tips



Minimally invasive for cutting bone,
fast, accurate, stable

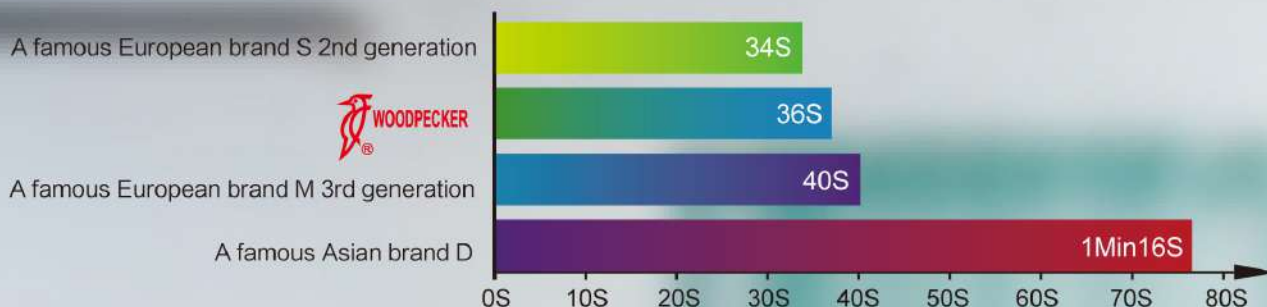
Accurate, minimally invasive,
selective cutting

Safe

- Handpiece and tube are available for autoclave, ensure the sterile environment



1 Comparison of cutting efficiency with other famous brands



2 User-friendly control

- Waterproof operation interface , is more suitable for clinical practice.



3 New developed design of handpiece

- Developed internal structure: New handpiece is more compatible with tips, and it vibrates and cuts stably.
- Strengthened sealing technique : Enhancing tolerance of high-temperature autoclave, it is with stable quality.



High light intensity lamp
Clear operation visual

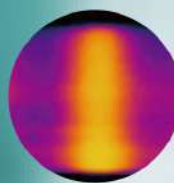
Full power working 10 min, and then test the handpiece temperature



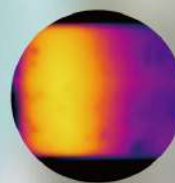
Woodpecker Brand 33°C



Well-known European Brand S 30°C



Well-known European Brand M 33°C



Well-known Asian Brand D 38°C

Ultrasurgery, as the product with the core technology of WOODPECKER: owns complete clinical monitoring system, guarantee the safety; adopts Cascade Fixed Frequency, with more steady and efficient vibration matching; with developed spare parts, is more close to and focus on clinical practice.

Clinical practice

US2		
Crest splitting	Tooth extraction	Retrograde preparation

Technical parameters

Supply voltage	220 - 240V~ 50Hz/60Hz
Supply voltage(optional)	100 - 120V~ 50Hz/60Hz
Frequency	24kHz~29.5kHz
Max. power absorbed	100VA
Amount of water	25ml/min~125ml/min
Main unit weight	3.8kg
Dimensions	330mm×254mm×167mm

Add: Information Industrial Park, Guilin National High-Tech Zone,
Guilin, Guangxi, 541004 P. R. China
Tel: Europe Sales Dept.:+86-773-5873196, +86-773-2125222
North America, South America &
Oceania Sales Dept.: +86-773-5873198, +86-773-2125123
Asia & Africa Sales Dept.:+86-773-5855350, +86-773-2125896
Fax: +86-773-5822450
E-mail: woodpecker@glwoodpecker.com, sales@glwoodpecker.com
Web: <http://www.glwoodpecker.com>



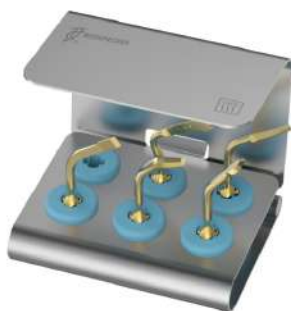
Wellkang Ltd (www.CE-Marking.eu)
29 Harley St., LONDON, W1G 9QR, UK

2016 1.1 Edition

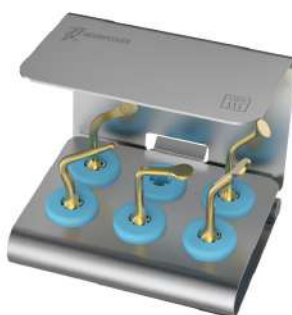
UltraSurgery Tip Series

A Wide Choice for Application

Basic kit



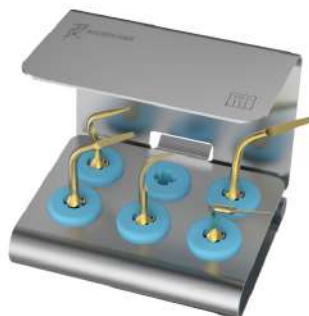
Sinus lift kit



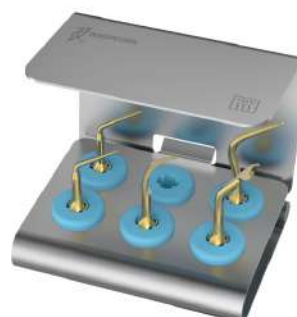
Osteotomy kit



Extraction kit



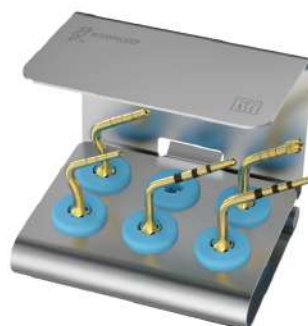
Periodontal kit



Retro surgical kit



Implant prep kit



Equipped with 14 tips

Bone surgery

US1



Osteotomy

US1L



Osteotomy

US1R



Osteotomy

US2



Osteotomy

US3



Osteotome of precision in the thin regions

US4



Bone remodeling and bone chip harvesting

US5

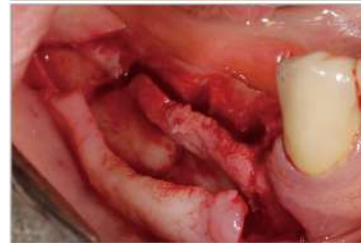


Bone remodeling and bone chip harvesting

US6



Precise osteotomy



Endodontic

UE1



Apical root debridement (diamond-coated)

*The size of diamond grit is 40µm.

UE2



Soft apical root debridement

UE3



Apical root debridement (diamond-coated)

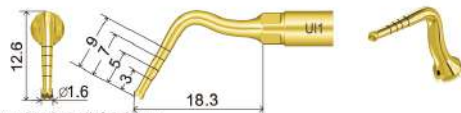
*The size of diamond grit is 40µm.

UE4



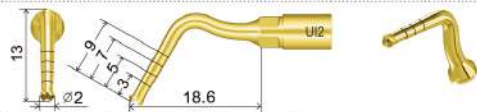
Implantation

UI1



Used for implant, with tip ball $\Phi 1.6\text{mm}$

UI2



Used for implant, with tip ball $\Phi 2\text{mm}$, irrigation from tip point

NEW!

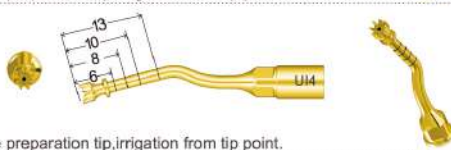
UI3



$\Phi 2\text{mm}$ implant site preparation tip, irrigation from tip point.

NEW!

UI4



$\Phi 3\text{mm}$ implant site preparation tip, irrigation from tip point.

NEW!

UI5



$\Phi 2\text{mm}$ implant site preparation tip, irrigation from tip point.

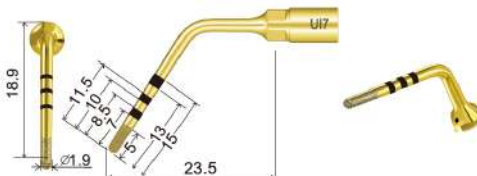
NEW!

UI6



$\Phi 3\text{mm}$ implant site preparation tip, irrigation from tip point.

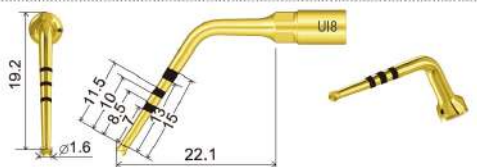
UI7



Finalize the implant site and bone preparation (diamond-coated)

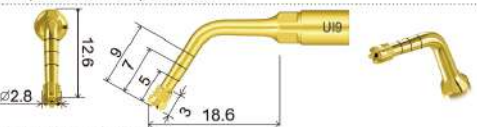
*The size of diamond grit is 100 μm .

UI8

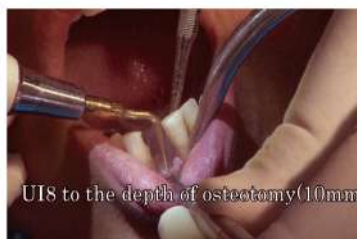


For implantation, in plus size, with tip ball $\Phi 1.6\text{mm}$

UI9



Used for implant, with tip ball $\Phi 2.8\text{mm}$



Exelcymosis

UC1



Used for cutting ligaments, minimally damnification exelcymosis

NEW!

UC2



Used for cutting ligaments, minimally damnification exelcymosis

NEW!

UC3



Used for cutting ligaments, minimally damnification exelcymosis



Sinus lifting

UL1



120° Peeling of the sinus membrane

UL2



Peeling of the sinus membrane

UL3



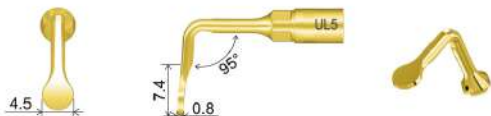
Non-traumatic bone cutting on thin bone region (diamond-coated)
*The size of diamond grit is 100µm.

UL4



Micrometric osteotomy near the soft tissue (diamond-coated)
*The size of diamond grit is 100µm.

UL5



Peeling of the sinus membrane (angle: 95°)



UL3: Micrometric osteotomy, apical cyst removal.



UL4: Micrometric osteotomy

Periodontal surgery

UP1



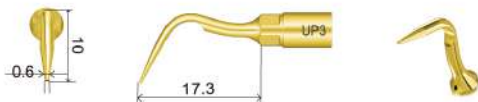
Root scaling

UP2



Root scaling

UP3



Root scaling

UP4



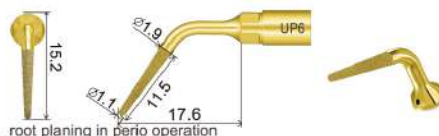
Root surface debridement and root planning (diamond-coated)
*The size of diamond grit is 40µm.

UP5



Perio treatment

UP6



Bone remodeling, root planing in perio operation
*The size of diamond grit is 40µm.

UP7



Bone remodeling and root canal enlargement (diamond-coated)
*The size of diamond grit is 40µm.

ADVANCE PIEZOSURGERY UNIT

Surgery-X

The Third Generation Woodpecker Piezosurgery

**Woodpecker DTE Surgery X,
A Piezosurgery Unit to perform precise
and safe osteotomy procedures**

Include 2 Fiber Optic Handpieces
& 14 Tips (Basic + Sinus Lift Kit)

- ✦ Selective cutting with no injury to soft tissue
- ✦ Enhanced precision in bone cutting with a soft tissue-sparing technique
- ✦ Micrometric bone cutting for reduced patient stress and post-operative trauma
- ✦ Cavitation the effect for bloodless surgery
- ✦ Cold cutting mode

Clinical applications

Minimally invasive tooth extraction, direct or indirect sinus lift, alveoloplasty, retrograde endo, apicoectomy, crown extension, alveolar ridge splitting, implant site preparation, impaction, etc.

Technical Specification :

- ✦ Dimensions: 276mm x 267mm x 110mm
- ✦ Water Flow: 25~110ml/min
- ✦ Power: 5 - 70W
- ✦ Working Frequency: 24-36KHZ
- ✦ Weight: 2.8 kg
- ✦ Vibration the amplitude of tip: 20-100 mm
- ✦ Surgical Incision: 3.5mm long, 0.5mm wide
- ✦ Mains voltage: 100-240V~50Hz/60Hz 150VA
- ✦ Intermittent running with 10s pause after 60s operation



Four different working modes are set :

- ✦ Bone Mode
- ✦ Perio Mode
- ✦ Endo Mode
- ✦ Clean Mode

Tips Kit

Specialised kits for various surgical Osteotomy procedures e.g. tooth extraction, crest splitting & retrograde endo preparation etc.



7-Inch touch screen

7- inch screen with clear display operate directly by tapping the screen, easy to clean & maintain



Multi-function Foot Pedal

Foot Pedal simplifying operation procedures with aseptic control

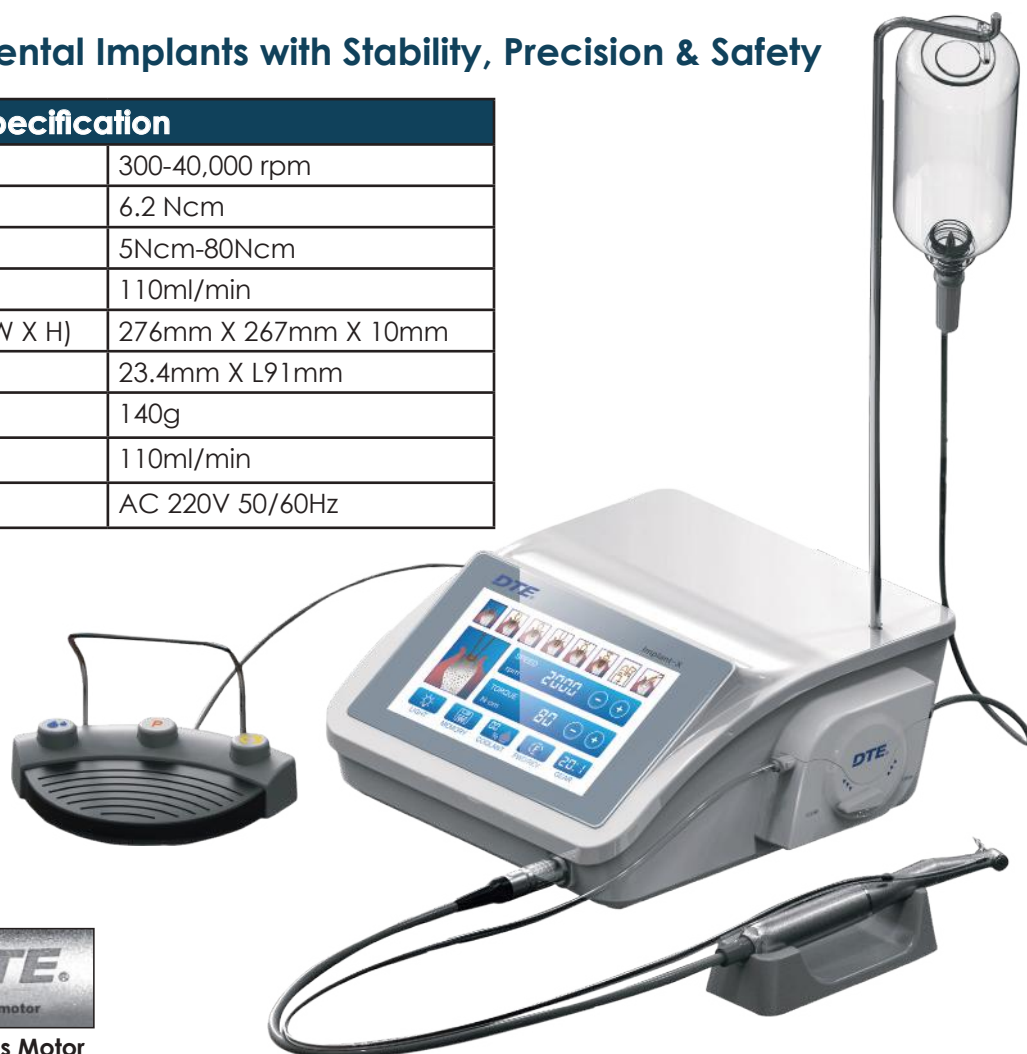


IMPLANT MICROMOTOR

Implant-X

Master in placing Dental Implants with Stability, Precision & Safety

Specification	
Rotation Speed Range	300-40,000 rpm
Motor Torque	6.2 Ncm
Torque Range (Gear 20:1)	5Ncm-80Ncm
Max Pump Output	110ml/min
Main Unit Dimensions (L X W X H)	276mm X 267mm X 10mm
Motor Dimensions	23.4mm X L91mm
Motor Weight	140g
Max. Pump output	110ml/min
Power Supply	AC 220V 50/60Hz



Powered By:



German Bearing



LED Swiss Motor

- ✦ Dismantable LED Handpiece with German Bearings: Guarantee performance & durability of contra-angle
- ✦ Perfect Balance: Balance between the weight of contra-angle and motor guarantee & reduces fatigue in complex surgeries

- ✦ Intuitive User Interface: Large 7" colour touch screen easy to clean & maintain
- ✦ Mute Peristaltic Pump: Easy to connect and compatible with disposable water tubings
- ✦ Flexible Multi-Function Foot Pedal: For aseptic operations






WHERE **TRUST** COMES **FIRST**



**Warranty Ke Saath Bhi
Warranty Ke Baad Bhi**

For any Sales & Support

 9821184441, 9599281852, 8448398852

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New Rajender Nagar, New Delhi – 110060

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