

MICROMOTOR

POWER | PRECISION | PERFORMANCE

Advanced Technology.
Smarter Dentistry.



HIGH SPEED
UP TO 40,000 RPM



POWERFUL TORQUE
SMOOTH & STABLE



LOW NOISE
OPERATION



RELIABLE & DURABLE
BUILT TO PERFORM

PRECISION ENGINEERED FOR CLINICAL EXCELLENCE

MICROMOTOR

NLZ E

The SMART Electric Brushless Micromotor

THE COMPACT MAKES A BIG CHANGE

- ✦ Torque adjustment in Endo Mode with reciprocation Function
- ✦ Auto-reverse function
- ✦ Flexible Installation Style with Superior Visibility & Operability
- ✦ NSK Safety Functions - 'Contra-Check & Contra-Safe

FOR SAFER CROWN CUTTING



MORE EFFICIENT ENDODONTIC TREATMENT



NLZ Endo (6:1) Reduction Reciprocating handpiece with more efficient Endodontic treatment



NSK S-Max M95 / 95 L 1:5 Electric Hand piece system

- ✦ 1:5 increasing red ring headpiece
- ✦ Quattro water spray
- ✦ Clean head system for reduced cross-contamination
- ✦ Available in optic & non-optic model
- ✦ Max. speed : 2,00,000 RPM
- ✦ Push-button chuck
- ✦ The *Reciprocating Endo Mode" can be operated with the NLZ Endo Contra-Angle handpiece & WAVE-ONE File



NLX nano (Brushless Micromotor)

A new generation of brushless micromotor as well balanced as an air turbine

- ✦ Wider clinical applications - Surgical & General
- ✦ The micromotor is more than 25% shorter and 20% lighter
- ✦ Brushless Micromotor enhances the functionality with reduced heat generation, less noise and less vibration.
- ✦ Less Aerosol production
- ✦ 32,000 LUX LED illumination for natural daylight visibility
- ✦ Non-retraction valve to prevents cross contamination through water
- ✦ Compatible contra-angle 1:5 increasing gear handpiece (Red Ring)



MICROMOTOR

Reliable Power. Precise Control. Everyday Performance

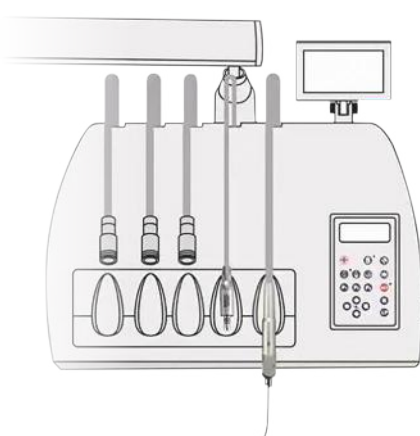
Designed to deliver stable performance, precise control, and long-term reliability in daily clinical procedures. Powered by advanced brushless DC motor technology, it ensures smooth torque delivery, low noise operation, and enhanced durability — making it ideal for consistent chairside efficiency.



Ideal For

General Dentistry | Prosthodontics |
Endodontics | Clinical & Laboratory Use

CHAIR IN-BUILT Brushless Electric Micromotor



Brushless Motor
Stable output &
long lifespan



Internal Water Spray
Efficient cooling



Forward / Reverse
Flexible clinical
operation



Built-in Type
Easy integration
into dental units

**Engineered for Daily Clinic
Excellence**

Specification

Control System	300-40,000 rpm
Display Type	6.2 Ncm
Rotation Direction	5Ncm-80Ncm
Speed Control	110ml/min
Memory Function	276mm X 267mm X 10mm
Safety Feature	23.4mm X L91mm
Cooling System	140g
Handpiece Interface	110ml/min
Noise Level	AC 220V 50/60Hz
Vibration	Low Vibration
Operating Mode	Continuous
Compatibility	E-Type Standard Handpieces

MICROMOTOR

ÈLECTM 2mini Clinical Electric Micromotor



Tooth Prep

- ✦ World's Smallest & Most Powerful Electric Motor
- ✦ Max 200,000 RPM (1:5 Gear Ratio) & 3Ncm Torque
- ✦ Memory Function
- ✦ Powerful Optic Motor - 25,000~33,000 LUX
- ✦ Easy installation



Dental Prosthesis Removal

Controller

- ✦ Power Consumption 105 VA(Max.)
- ✦ Speed Range: 1,000 ~ 40,000 rpm
- ✦ Gear Ratio: 1:5, 1:1, 16:1, 20:1
- ✦ Program: 3

Micromotor

- ✦ Model: ELM-B40S
- ✦ Max. Speed of Motor: 40,000rpm
- ✦ Max. Torque: 3Ncm
- ✦ Max. Current: 5A
- ✦ Dimension: Ø20 x L63mm
- ✦ Weight: 68g
- ✦ LED: Fiber optic
- ✦ Internal Water Irrigation



Margin of the Prosthesis



Other Operations



Inbuilt Option
Also Available



Straight
Handpiece



Contra
Handpiece

MICROMOTOR

UNICORN[®]
DenMart
Behind The Best Indian Dentists

SAESHIN

Clinical Micromotor

- ✦ Speed upto 35,000 RPM
- ✦ One spare carbon brush set
- ✦ Low heat generation suitable for long use



CE / EC ISO 13485:2016

Clinical Micromotor Control Box

- ✦ 0-35,000 RPM
- ✦ Forward & Reverse direction selection
- ✦ Hand & Foot Operation
- ✦ Extra torque for smooth working



SAESHIN

Lab Micromotor

- ✦ Speed upto 40,000 RPM
- ✦ One spare carbon brush set
- ✦ Low heat generation suitable for long use



CE / EC ISO 13485:2016

Lab Micromotor Control Box

- ✦ 0-40,000 RPM
- ✦ Forward & Reverse direction selection
- ✦ Hand & Foot Operation
- ✦ Extra torque for smooth working



CE / EC ISO 13485:2016



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



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

For any Sales & Support

 9821184441, 8448398852

 sales@unicorndenmart.com

Customer Care

Register Your Complaint with A Missed Call: **7065-558-558**

 011-45551250, 51, 55  97170-12081, 95994 -48518

 care@unicorndenmart.com | care1@unicorndenmart.com

Connect With



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* Accessories shown may not be a part of standard equipment. Specifications are subject to change without notice.

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