

Ahead of World Standard

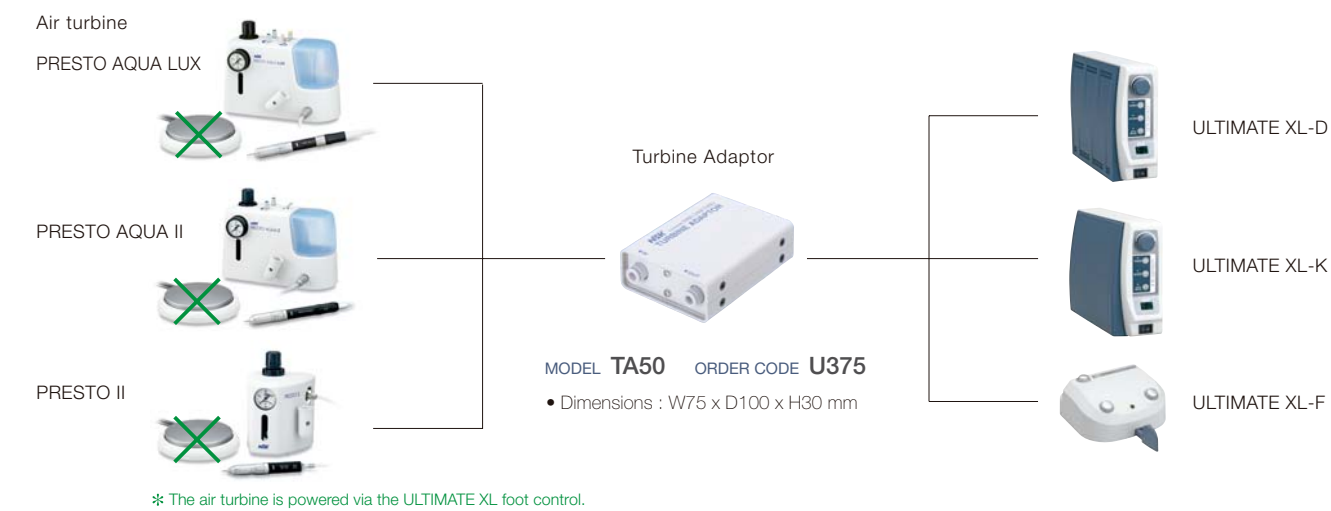
Spare Parts

MODEL	PRODUCTS	ORDER CODE	MODEL	PRODUCTS	ORDER CODE	MODEL	PRODUCTS	ORDER CODE
UMXL-G	Control unit Bench type	Y141465	UMXL-EM	Motor E-type (with 1.2m cord)	E342	FC-64	Foot Control (For XL and XL-D)	Z304
UMXL-D	Control unit Lower type	Y141500	UMXL-TM 2M	Motor Torque type (with 2m cord)	E355002	Handpiece Stand	(Wrench is not included)	Z095201
UMXL-K	Control unit Knee type	Y141491	UMXL-CM 2M	Motor Compact type (with 2m cord)	E356002	Suspension Handpiece Cradle (For XL)		Z083
UMXL-F	Control unit Floor type	Y141509	UMXL-EM 2M	Motor E-type (with 2m cord)	E342002	Chuck-2.35A		H203A180A
UMXL-T	Motor handpiece Torque type (with 1.2m cord)	Y141440	UHRXL-T	Attachment Torque type	H269	Handpiece Holder (For XL)		Y900770
UMXL-C	Motor handpiece Compact type (with 1.2m cord)	Y141444	UHRXL-C	Attachment Compact type	H271	Wrench for Locking Rotation		H269751
UMXL-T 2M	Motor handpiece Torque type (with 2m cord)	Y141441	Motor Cord T	Torque type (1.2m)	E355051	Wrench for Adjusting Chuck		K015751
UMXL-C 2M	Motor handpiece Compact type (with 2m cord)	Y141445	Motor Cord C	Compact type (1.2m)	E356051	TA50	Turbine Adaptor (For XL-D, XL-K and XL-F)	U375
UMXL-TM	Motor Torque type (with 1.2m cord)	E355	Motor Cord T 2M	Torque type (2m)	E355055	Bracket Set (For XL-D and XL-K)		U364090
UMXL-CM	Motor Compact type (with 1.2m cord)	E356	Motor Cord C 2M	Compact type (2m)	E356055	Fuse-T3.15A		1200131510

- Control Unit with cord, Handpiece Stand and Handpiece Holder (Handpiece Holder is not equipped with XL-D, XL-K, XL-F)
- Motor handpiece with cord, wrench for Locking Rotation and Adjusting Chuck
- Motor with cord

Turbine Adaptor TA50

TA50 air turbine adaptor allows you to quickly switch power source between air turbine handpiece and electric micromotor. Both handpieces are equally controllable with a single foot control or knee control.



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Specifications are subject to change without notice.

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ULTIMATE XL
powerful & comfortable



Experience Unprecedented Smoothness and Power

The world's leading laboratory micromotor just got better. The Ultimate range has evolved to run even smoother and be more powerful. With 180° vector control system, it assures you to work more efficiently and stress-free.

The handpiece shape has been designed extremely carefully with ergonomics and functionality always being at the forefront of the designer's mind. The result is a handpiece which considerably reduces hand fatigue and makes it easier to work on even the most delicate pieces of work for extended periods of time.

Experience the next-generation performance the Ultimate XL has to offer.



Features

- Ripple-free smooth rotation with 180° vector control system
- Powerful and stable torque across the entire speed range
- Easy-to-hold handpiece design ensures precision
- Lightweight compact body reduces hand fatigue and improves balance
- Unique dust-proof mechanism prevents contamination therefore achieving higher durability
- Minimal vibration, and noise from hermetically shielded micromotor unit
- Approximately 30% increased chuck strength enables you to work on a wider variety of materials

ULTIMATE XL

BRUSHLESS

Torque Micromotor & Cord

- Speed of 1,000 ~ 50,000 min⁻¹
- Max. Torque of 8.7 N·cm



MODEL **UMXL-T** ORDER CODE **Y141440**

• Dimensions: L151 x ø29 mm • Weight: 219g (cord not included) • Cord Length: 1.2 m

Compact Micromotor & Cord

- Speed of 1,000 ~ 50,000 min⁻¹
- Max. Torque of 6.0 N·cm



MODEL **UMXL-C** ORDER CODE **Y141444**

• Dimensions: L144 x ø27 mm • Weight: 181g (cord not included) • Cord Length: 1.2 m

E-Type Micromotor & Cord

- Speed of 1,000 ~ 50,000 min⁻¹
- Max. Torque of 6.0 N·cm

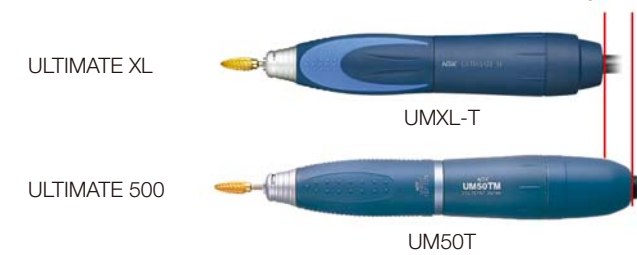


MODEL **UMXL-EM** ORDER CODE **E342**

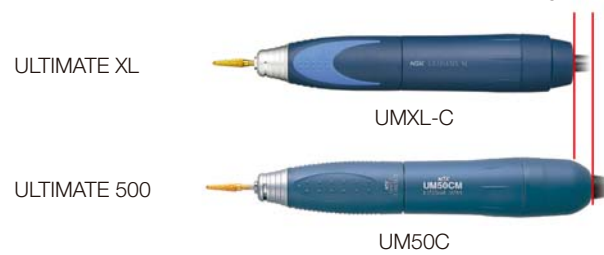
• Dimensions: L118 x ø27 mm • Weight: 129g (cord not included) • Cord Length: 1.2 m

■ Handpiece Size Comparison with ULTIMATE 500

Torque 10g Lighter



Compact 3g Lighter



ULTIMATE XL Series

BRUSHLESS

The ULTIMATE Series offers a choice of four control units, according to space and user requirements. All functions are controlled by NSK's microcomputer which maintains smooth starting and stopping ensuring excellence in overall operability.

Key Features

- Speed of 1,000~50,000min⁻¹ (XL/XL-D/XL-K)
- Precise control by microcomputer
- User-friendly design
- Auto Cruise Function
- Audible Function Check
- Easy-to-operate Display Panel
- Digital Speed Display (XL/XL-D/XL-K)
- Maintenance Mode Setting (XL/XL-D/XL-K)
- Error Code Display Function (XL/XL-D/XL-K)
- Available to connect with an air turbine adaptor (XL-D/XL-K/XL-F)

ULTIMATE XL



Bench Top System



- Specifications
- Weight: 2.6Kg
 - Dimensions: W167 x D247 x H77 mm

ULTIMATE XL Systems



- Contents
- Control unit
 - Micromotor Handpiece
 - Foot Control
 - Handpiece Stand

Torque MODEL **UMXL-GT** ORDER CODE **Y141466**

Compact MODEL **UMXL-GC** ORDER CODE **Y141467**

ULTIMATE XL-D



Bench Top Tower System

ULTIMATE XL-D Systems



- Contents
- Control unit
 - Micromotor Handpiece
 - Foot Control
 - Handpiece Stand

Torque MODEL **UMXL-DT** ORDER CODE **Y141501**

Compact MODEL **UMXL-DC** ORDER CODE **Y141502**

- Specifications
- Weight: 3.3Kg
 - Dimensions: W81 x D270 x H230 mm



ULTIMATE XL-K



Knee Control System

ULTIMATE XL-K Systems



- Contents
- Control unit
 - Micromotor Handpiece
 - Handpiece Stand

Torque MODEL **UMXL-KT** ORDER CODE **Y141492**

Compact MODEL **UMXL-KC** ORDER CODE **Y141493**

- Specifications
- Weight: 3.2Kg
 - Dimensions: W90 x D270 x H230 mm



ULTIMATE XL-F



Floor Type Foot Control System

Speed of 1,000~**40,000**min⁻¹ • Speed and All other functions are controlled via the foot control. For safety, maximum speed is preset to 40,000min⁻¹.

ULTIMATE XL-F Systems



- Contents
- Control unit
 - Micromotor Handpiece
 - Handpiece Stand

Torque MODEL **UMXL-FT** ORDER CODE **Y141510**

Compact MODEL **UMXL-FC** ORDER CODE **Y141511**

- Specifications
- Weight: 3.6Kg
 - Dimensions: W230 x D292 x H113 mm

