

Ahead of World Standard

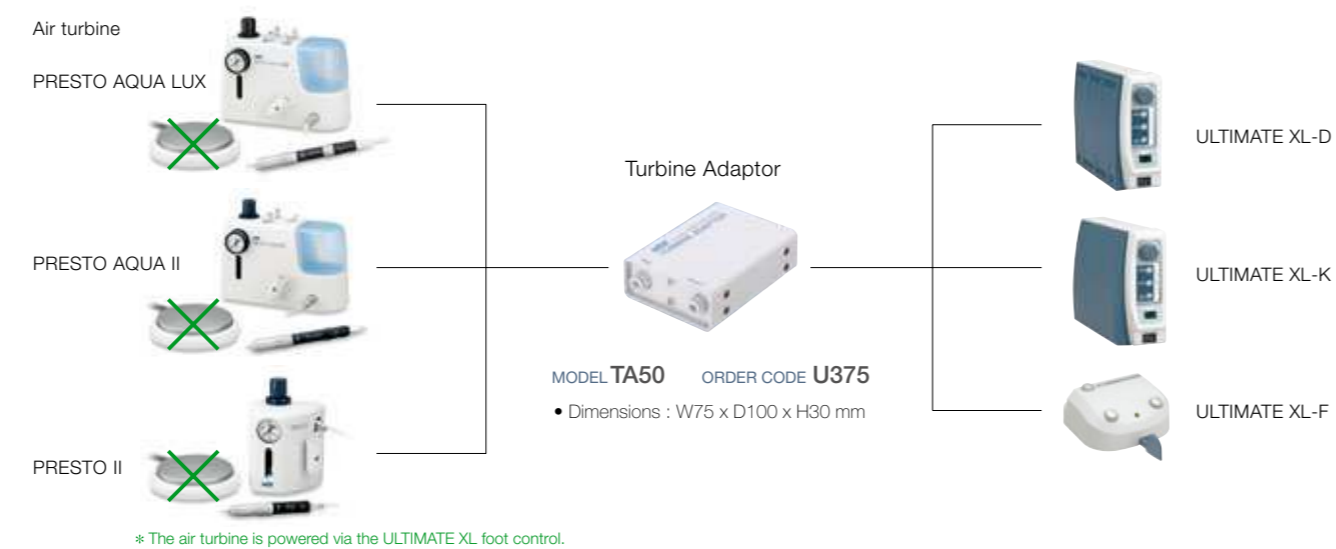
Spare Parts

MODEL	PRODUCTS	ORDER CODE	MODEL	PRODUCTS	ORDER CODE	MODEL	PRODUCTS	ORDER CODE
UMXL-G (230V) Control unit Bench type		Y141468	UMXL-EM Motor E-type (with 1.2m cord)		E342	FC-64 Foot Control (For XL and XL-D)		Z304
UMXL-D (230V) Control unit Tower type		Y141503	UMXL-TM 2M Motor Torque type (with 2m cord)		E355002	Handpiece Stand (Wrench is not included)		Z095201
UMXL-K (230V) Control unit Knee type		Y141494	UMXL-CM 2M Motor Compact type (with 2m cord)		E356002	Suspension Handpiece Cradle (For XL)		Z083
UMXL-F (230V) Control unit Floor type		Y141512	UMXL-EM 2M Motor E-type (with 2m cord)		E342002	Chuck-2.35A		H203A180A
UMXL-TP Motor handpiece Torque type (with 1.2m cord)		Y141442	UHRXL-TP Attachment Torque type		H270	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-TP 2M Motor handpiece Torque type (with 2m cord)		Y141443	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-T1.6A (230V)		1200116010

- 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.

PR-D751E Ver.1 12.05.015.HG

NSK



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-TP ORDER CODE Y141442

• Dimensions: L151 x ø29 mm • Weight: 215g (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

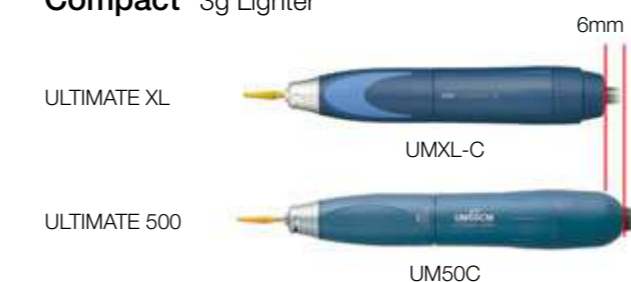
• Dimensions: L118 x ø27 mm • Weight: 129g (cord not included) • Cord Length: 1.2 m

Handpiece Size Comparison with ULTIMATE 500

Torque 14g 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: 2.8Kg
 • Dimensions: W167 x D247 x H77 mm



ULTIMATE XL Systems

Torque MODEL UMXL-GTP 230 ORDER CODE Y141524

Compact MODEL UMXL-GC 230 ORDER CODE Y141470

ULTIMATE XL-D Bench Top Tower System



Contents
 • Control unit
 • Micromotor Handpiece
 • Foot Control
 • Handpiece Stand

ULTIMATE XL-D Systems

Torque MODEL UMXL-DTP 230 ORDER CODE Y141527

Compact MODEL UMXL-DC 230 ORDER CODE Y141505

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



ULTIMATE XL-K Knee Control System



Contents
 • Control unit
 • Micromotor Handpiece
 • Handpiece Stand

ULTIMATE XL-K Systems

Torque MODEL UMXL-KTP 230 ORDER CODE Y141526

Compact MODEL UMXL-KC 230 ORDER CODE Y141496

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



ULTIMATE XL-F Floor Type Foot Control System



Contents
 • Control unit
 • Micromotor Handpiece
 • Handpiece Stand

ULTIMATE XL-F Systems

Torque MODEL UMXL-FTP 230 ORDER CODE Y141528

Compact MODEL UMXL-FC 230 ORDER CODE Y141514

Specifications
 • Weight: 3.8Kg
 • Dimensions: W230 x D292 x H113 mm

