

ULTIMATE XL Series

BRUSHLESS

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

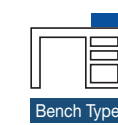
- Ripple-free smooth rotation with 180° vector control system
- Powerful and stable torque across the entire speed range
- Easy-to-hold handpiece design ensures precision
- Lightweight compact body reduces hand fatigue and improves balance
- Unique dust-proof mechanism prevents contamination therefore 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 Systems

Torque MODEL **UMXL-GT (230V)**
ORDER CODE **Y141469**

Compact MODEL **UMXL-GC (230V)**
ORDER CODE **Y141470**



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

Specifications

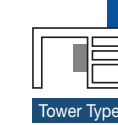
- Power Supply : AC 230V 50/60 Hz
- Weight : 2.8 kg
- Dimensions : W167 x D247 x H77 (mm)



ULTIMATE XL-D Systems

Torque MODEL **UMXL-DT (230V)**
ORDER CODE **Y141504**

Compact MODEL **UMXL-DC (230V)**
ORDER CODE **Y141505**



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

Specifications

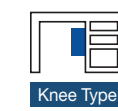
- Power Supply : AC 230V 50/60 Hz
- Weight : 3.3 kg
- Dimensions : W81 x D270 x H230 (mm)



ULTIMATE XL-K Systems

Torque MODEL **UMXL-KT (230V)**
ORDER CODE **Y141495**

Compact MODEL **UMXL-KC (230V)**
ORDER CODE **Y141496**



- Contents**
- Control unit
 - Micromotor Handpiece
 - Handpiece Stand

Specifications

- Power Supply : AC 230V 50/60 Hz
- Weight : 3.2 kg
- Dimensions : W90 x D270 x H230 (mm)



ULTIMATE XL-F Systems

Torque MODEL **UMXL-FT (230V)**
ORDER CODE **Y141513**

Compact MODEL **UMXL-FC (230V)**
ORDER CODE **Y141514**



- Contents**
- Control unit
 - Micromotor Handpiece
 - Handpiece Stand

Specifications

- Power Supply : AC 230V 50/60 Hz
- Weight : 3.8 kg
- Dimensions : W230 x D292 x H113 (mm)

Torque Micromotor & Cord

- Speed : 1,000-50,000 min⁻¹
- Max. Torque : 8.7 Ncm



MODEL **UMXL-T**
ORDER CODE **Y141441**

- Dimensions : L151 x ø29 (mm)
- Weight : 215 g (Cord not included)
- Cord Length : 2 m

Compact Micromotor & Cord

- Speed : 1,000-50,000 min⁻¹
- Max. Torque : 6.0 Ncm



MODEL **UMXL-C**
ORDER CODE **Y141445**

- Dimensions : L144 x ø27 (mm)
- Weight : 181 g (Cord not included)
- Cord Length : 2 m

E-type Micromotor & Cord

- Speed : 1,000-50,000 min⁻¹
- Max. Torque : 6.0 Ncm



MODEL **UMXL-EM**
ORDER CODE **E342002**

- Dimensions : L118 x ø27 (mm)
- Weight : 129 g (Cord not included)
- Cord Length : 2 m

Spare Parts

MODEL	PRODUCT	ORDER CODE	MODEL	PRODUCT	ORDER CODE	MODEL	PRODUCT	ORDER CODE
UHRXL-T	Attachment Torque type	H269	UMXL-CM	Armature Assy	E368011		Wrench for Locking Rotation	H269751
UHRXL-C	Attachment Compact type	H271		Chuck-2.35A	H203A180A		Wrench for Adjusting Chuck	K015751
UMXL-TM	Armature Assy	E367011		Bracket Set For XL-D/XL-K	U364090			