

超音波振動研磨機 / Ultrasonic Lapping Machine

AR-800 旗艦多功能型 Multi-function Flagship Type



AR-800超音波振動研磨機 - 標準規格表 Ultrasonic Lapping Machine - Specification

電源控制器 Power Controller

電源 Main supply	AC-90V ~ 250V, 50/60 Hz
超音波輸出 Ultrasonic output	45 watts
振頻 Vibration frequency	18 ~ 26 kHz
振幅 Stroke amplitude	3 ~ 40 μ m
振頻調整 Frequency adjustment	自動追尋 / auto-tracing
消耗功率 Power consumption	300 watts
保險絲 Fuse	3A time-lag type
直流馬達輸出 Output of DC motor	5 ~ 32V
有刷輸出功率 Power of DC brush	Max. 150 watts
無刷輸出功率 Power of DC brushless	Max. 250 watts
尺寸 Dimensions of AR-800 (WxDxH)	170x260x140mm
重量 Weight of AR-800	2.72 kg

手機 Handpiece

超音波手機 Ultrasonic handpiece	* GS-H26
尺寸 Dimensions (WxDxH)	26x125mm
重量 Weight	170g

旋轉手機 Rotary handpiece

有刷手機 Brush handpiece	⊙
無刷手機 Brushless handpiece	U-LAP 60

註/Note : * 亦可選用GS-H04手機 / GS-H04 could be selected instead of the model

⊙ 選購配備 / Optional accessory

基礎應用實例 (Applications):



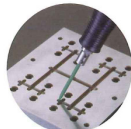
模具精修

(Mold & Die Polish)



研磨加工

(Grinding)



細縫&溝槽微加工

(Correction of Intricate area)



PCB板迴路修改

(Correction of PCB patterns)

全新設計旗艦型機種，擁有最先進的多功能設計，結合超音波，有刷及無刷直流等三種輸出。

*無刷直流輸出最大250瓦，有刷直流輸出最大150瓦，提供各種手機有更高的扭力，發揮其最佳的研磨效果。

*先進的高效率微處理器，使超音波的拋光效果更加穩定，更有效率。

*在使用無刷手機時，LED轉速顯示，讓您可依據各種不同的工具，調整最合適轉速，以達到最有效率且安全的研磨效果。

*每次啟動機器，系統會自動地將轉速歸“零”，避免因手機高速啟動而造成危險。

*本機之標準配備含有超音波手機(GS-H26)及無刷旋轉手機(U-Lap60)各一支。

With the most advanced design that provides the multi-function of Ultrasonic, Brush DC (direct-current) and Brushless DC output.

*All new design with high-efficiency microprocessor that give the machine with perfect performance.

*The brushless DC with max. 250 watts and brush DC with max. 150 watts output power that gives your handpiece with high torque and high speed running.

*The LED speed display shows you the running speed of brushless handpiece. You can select the best and safe speed according to various tools and diameter.

*Once turn on the machine, the system will automatically adjust the speed to “Zero”, that keep you away from the damage caused by high speed running of handpiece.

*This machine includes one each of ultrasonic and brushless handpiece.

AR-800 整組實際內容物 (標準組) AR-800 set include (Standard)

超音波手機 Ultrasonic Handpiece		(GS-H26) ϕ 26x125mm
無刷手機 Brushless handpiece		(U-LAP60) ϕ 29x161mm
電源線 Power Cord		18AWG x3Cx180cm
手機線 Handpiece Cord		3Cx150cm
六角扳手 Wrench (HEX)		HEX (62mm)
手機座 Handpiece Rest		110x50x35 mm
夾頭拆卸架 Tool Changing rack		12mm W
扳手 Wrench		140mm (10/12)
夾頭 (M6) Holder (M6)		For M6 Shank Tool
夾頭 (ϕ 3.0mm) Holder (ϕ 3.0mm)		For ϕ 3mm shank Tool
夾頭 (3.0mm) Holder (3.0mm)		For oil Stone (3mm)
夾頭 (1.0mm) Holder (1.0mm)		For ceramic Fiber Stone (1.0mm)
腳踏開關 Foot Switch		Cord Length 150cm

超音波振動研磨機 / Ultrasonic Lapping Machine

AR-108 單功能型 Single Function Practical Type



TOP SALE!!

熱銷商品!!

- *超音波研磨單功能輸出。
- *具有可信賴的品質及良好的操作性能。
- *最大40瓦輸出，滿足各種加工需求。
- *除了模具拋光外，亦可用於電路板(PCB)之電子迴路修改。
- *平易近人的價格，打破超音波研磨機都很昂貴的迷思

*Ultrasonic lapping function only.

*The machine provides reliable quality and good performance.

*Max.40 watts output that satisfy difference of polishing works.

*It is not only effective for lapping task, but also good for correction of PCB patterns.

*Attractive price would absolutely change your image of an expensive ultrasonic unit.

AR-108超音波振動研磨機 - 標準規格表 Ultrasonic Lapping Machine - Specification

電源控制器 Power Controller

電源 Main supply	AC-90V ~ 250V, 50/60 Hz
超音波輸出 Ultrasonic output	36 watts
振頻 Vibration frequency	18 ~ 25 kHz
振幅 Stroke amplitude	10 ~ 35 μ m
振頻調整 Frequency adjustment	自動追尋 / auto-tracing
消耗功率 Power consumption	46 watts
保險絲 Fuse	2A time-lag type
直流馬達輸出 Output of DC motor	無 / None
有刷輸出功率 Power of DC brush	無 / None
無刷輸出功率 Power of DC brushless	無 / None
尺寸 Dimensions of AR-800 (WxDxH)	192x156x96mm
重量 Weight of AR-800	0.7 kg

手機 Handpiece

超音波手機 Ultrasonic handpiece	GS-H06
尺寸 Dimensions (WxDxH)	30x131mm
重量 Weight	185g

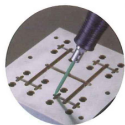
AR-108 整組實際內容物 (標準組) AR-108 set include (Standard)

超音波手機 Ultrasonic Handpiece		(GS-H06) ϕ 30x130mm
電源線 Power Cord		18AWG x3Cx180cm
手機線 Handpiece Cord		3Cx150cm
六角板手 Wrench (HEX)		HEX (62mm)
手機座 Handpiece Rest		110x50x35 mm
夾頭拆卸架 Tool Changing rack		12mm W
板手 Wrench		140mm (10/12)
夾頭 (ϕ 3.0mm) Holder (ϕ 3.0mm)		For ϕ 3mm shank Tool
夾頭 (1.0mm) Holder (1.0mm)		For ceramic Fiber Stone (1.0mm)
腳踏開關 Foot Switch		Cord Length 150cm

基礎應用實例 (Applications):



模具精修



細縫&溝槽微加工



PCB板迴路修改

超音波振動研磨機 / Ultrasonic Lapping Machine

AR-600(E) 雙功能強力型 Dual-function Powerful Type



*AR-600(E)為AR-208，AR-303之升級版。全新的設計，採用高效率微處理器使操作性能更穩定且提升拋光效率。

*超音波及DC馬達雙輸出，提供您雙重功能之各種研磨及拋光作業。

*最大45瓦之超音波輸出，使拋光效率更加提升。

*有刷DC馬達輸出電壓為5~30伏特，輸出功率為60瓦。

*AR-600(E) is the upgrade model of AR-208 and AR-303. All new design with high-efficiency microprocessor that gives the machine with more steady and effective performance.

*This dual-function machine provides you the versatility of both Ultrasonic and mechanical polishing.

*Max. 45 watts Ultrasonic output makes polishing job more effective.

*Brush DC motor output is 5~30 volt and output power is 60 watts.

AR-600E 超音波振動研磨機 - 標準規格表 Ultrasonic Lapping Machine - Specification

電源控制器 Power Controller

電源 Main supply	AC-90V ~ 250V, 50/60 Hz
超音波輸出 Ultrasonic output	45 watts
振頻 Vibration frequency	18 ~ 26 kHz
振幅 Stroke amplitude	3 ~ 40 μ m
振頻調整 Frequency adjustment	自動追尋 / auto-tracing
消耗功率 Power consumption	80 watts
保險絲 Fuse	2A time-lag type
直流馬達輸出 Output of DC motor	5 ~ 30V
有刷輸出功率 Power of DC brush	Max. 60 watts
無刷輸出功率 Power of DC brushless	無 / None
尺寸 Dimensions of AR-800 (WxDxH)	170x260x140mm
重量 Weight of AR-800	2.0 kg

手機 Handpiece

超音波手機 Ultrasonic handpiece	GS-H04
尺寸 Dimensions (WxDxH)	30x131mm
重量 Weight	210g

旋轉手機 Rotary handpiece

有刷手機 Brush handpiece	◎
----------------------	---

註/ Note : ◎ 選購配備 / Optional accessory

AR-600E 整組實際內容物 (標準組) AR-600E set include (Standard)

超音波手機 Ultrasonic Handpiece		(GS-H04) ϕ 30x130mm
電源線 Power Cord		18AWG x3Cx180cm
手機線 Handpiece Cord		3Cx150cm
六角板手 Wrench (HEX)		HEX (62mm)
手機座 Handpiece Rest		110x50x35 mm
夾頭拆卸架 Tool Changing rack		12mm W
板手 Wrench		140mm (10/12)
夾頭 (ϕ 3.0mm) Holder (ϕ 3.0mm)		For ϕ 3mm shank Tool
夾頭 (ϕ 3.0mm) Holder (ϕ 3.0mm)		For ϕ 3mm shank Tool
夾頭 (3.0mm) Holder (3.0mm)		For oil Stone (3mm)
夾頭 (1.0mm) Holder (1.0mm)		For ceramic Fiber Stone (1.0mm)
腳踏開關 Foot Switch		Cord Length 150cm

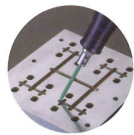
基礎應用實例 (Applications):



模具精修



研磨加工



細縫&溝槽微加工



PCB板迴路修改

超音波振動研磨機 / Ultrasonic Lapping Machine

AR-600 三功能實用型 Triple Function Practical Type



*AR-600採用高效率微處理器設計，使操作性能更穩定且提升拋光效率。

*結合超音波，有刷直流及無刷直流三種輸出，滿足更多功能手機使用。

*無刷直流輸出功率最大100瓦，有刷輸出為60瓦。

*無刷手機的優點為：高轉速、高扭力、壽命長、低噪音，不必更換碳刷且無碳刷產生的粉塵。

*AR-600 with high-efficiency microprocessor design that gives the machine with more steady and effective performance.

*Combine the Ultrasonic, brush DC and brushless DC output in one package, you can adapt most of the handpiece for your polishing work.

*Brushless DC output power is 100 watts and brush DC output power is 60 watts.

*The advantage of Brushless handpiece are : high speed, high torque, longer tool life, and low noise, no need to change carbon brush and no dust cause by carbon brush worn out.

AR-600超音波振動研磨機 - 標準規格表 Ultrasonic Lapping Machine - Specification

電源控制器 Power Controller

電源 Main supply	AC-90V ~ 250V, 50/60 Hz
超音波輸出 Ultrasonic output	45 watts
振頻 Vibration frequency	18 ~ 26 kHz
振幅 Stroke amplitude	3 ~ 40 μ m
振頻調整 Frequency adjustment	自動追尋 / auto-tracing
消耗功率 Power consumption	100 watts
保險絲 Fuse	2A time-lag type
直流馬達輸出 Output of DC motor	5 ~ 30V
有刷輸出功率 Power of DC brush	Max. 60 watts
無刷輸出功率 Power of DC brushless	Max. 100 watts
尺寸 Dimensions of AR-800 (WxDxH)	170x260x140mm
重量 Weight of AR-800	2.0 kg

手機 Handpiece

超音波手機 Ultrasonic handpiece	GS-H04
尺寸 Dimensions (WxDxH)	30x131mm
重量 Weight	210g

旋轉手機 Rotary handpiece

有刷手機 Brush handpiece	U-LAP 35
無刷手機 Brushless handpiece	⊙

註/ Note : ⊙ 選購配備 / Optional accessory

AR-600 整組實際內容物 (標準組) AR-600 set include (Standard)

超音波手機 Ultrasonic Handpiece		(GS-H04) ϕ 30x131mm
有刷手機 Brush handpiece		(U-LAP 35) ϕ 29x152mm
電源線 Power Cord		18AWG x3Cx180cm
手機線 Handpiece Cord		3Cx150cm
六角扳手 Wrench (HEX)		HEX (62mm)
手機座 Handpiece Rest		110x50x35 mm
夾頭拆卸架 Tool Changing rack		12mm W
扳手 Wrench		140mm (10/12)
夾頭 (ϕ 3.0mm) Holder (ϕ 3.0mm)		For ϕ 3mm shank Tool
夾頭 (ϕ 3.0mm) Holder (ϕ 3.0mm)		For ϕ 3mm shank Tool
夾頭 (3.0mm) Holder (3.0mm)		For oil Stone (3mm)
夾頭 (1.0mm) Holder (1.0mm)		For ceramic Fiber Stone (1.0mm)
腳踏開關 Foot Switch		Cord Length 150cm

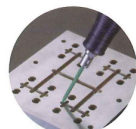
基礎應用實例 (Applications):



模具精修



研磨加工



細縫&溝槽微加工



PCB板迴路修改

超音波振動研磨機 / Ultrasonic Lapping Machine

AR-800 可搭配手機一覽表 Attachment Handpiece for AR-800



※ 標準配備用紅色顯示, 其餘皆為選購商品
 ※ Standard Accessory that **marking in RED**, other Handpiece are Optional Accessory



AR-600 可搭配手機一覽表 Attachment Handpiece for AR-600



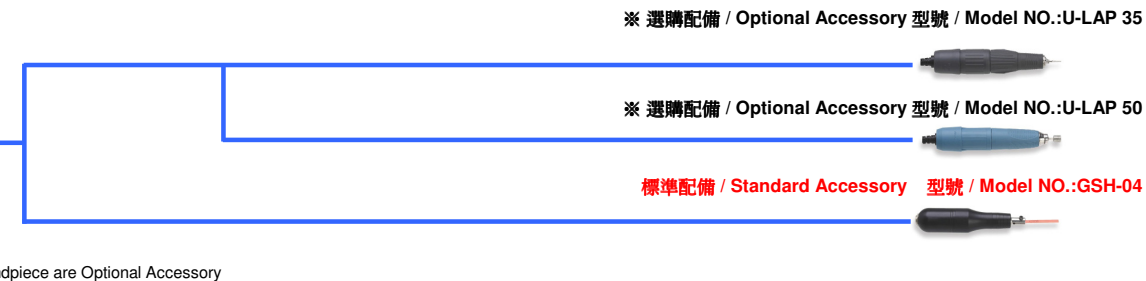
※ 標準配備用紅色顯示, 其餘皆為選購商品
 ※ Standard Accessory that **marking in RED**, other Handpiece are Optional Accessory



AR-600 (E) 可搭配手機一覽表 Attachment Handpiece for AR-600 (E)



※ 標準配備用紅色顯示, 其餘皆為選購商品
 ※ Standard Accessory that **marking in RED**, other Handpiece are Optional Accessory



AR-108 可搭配手機一覽表 Attachment Handpiece for AR-108



※ 標準配備用紅色顯示, 其餘皆為選購商品
 ※ Standard Accessory that **marking in RED**, other Handpiece are Optional Accessory



超音波手機 Ultrasonic Handpiece

型號 / Model No. : GSH-04



最大輸出 / Max. output : 45Watts
 尺寸 / Size : Ø 33 x 146mm
 重量 / Weight : 254g

型號 / Model No. : GSH-06



最大輸出 / Max. output : 40Watts
 尺寸 / Size : Ø 30 x 130mm
 重量 / Weight : 185g

型號 / Model No. : GSH-26



最大輸出 / Max. output : 40Watts
 尺寸 / Size : Ø 27 x 125mm
 重量 / Weight : 150g

※ 電動旋轉手機 (U-LAP 60, 50, 35)
 請參閱目錄 P.?? 有詳細介紹

※ See the Rotary Handpiece on
 Page ???. You Can find all information!

AR-800 (P) 雙功能輸出電源供應器 / Dual-Function Micromotor Controller



規格 / Specification

電源 / Main Supply : AC 90 ~ 250V, 50/60Hz
 無刷輸出功率 / Power of DC brushless : 250watt
 無刷轉速 / Speed of DC brushless : 1,000~50,000 rpm
 有刷輸出功率 / Power of DC brush : 150watt (VA)
 有刷輸出電壓 / Voltage output of DC brush : 5~32V
 保險絲 / Fuse : 3.15A
 尺寸 / Dimension : 170x260x140mm (2.56kg)

AR-800(P) 內含配件 / Include (Standard)



腳踏開關 / Foot Switch



電源線 / Power Cord

可搭配使用之研磨耗材 / Grinding Tools ※Optional

帶柄砂輪
Mounted Points



連結 / Link :



鑽石磨棒
Diamond Mounted Points

連結 / Link :



可搭配使用之拋光耗材 / Polishing Tools ※Optional

彈性帶柄砂輪
Elastic Mounted Points



連結 / Link :



帶柄羊毛輪
Felt Bobs



連結 / Link :



- ◆ 全新設計旗艦型機種，採用先進的高效率微處理器設計，結合有刷及無刷馬達雙輸出。
High Performance micro processor design. Compatible for both brush and brushless motor hand Handpiece.
- ◆ 有刷馬達輸出最大150瓦，無刷馬達輸出最大250瓦，使各種手機有更高的扭力，發揮其最佳的研磨效率。
Maximum power for hand piece with brush is 150 watt and 250 watt for brushless motor hand piece, providing high torque and optimal polishing performance.
- ◆ LED轉速顯示，使用無刷手機時，讓您可依據各種不同的工具及外徑，調整最合適的轉速，以達到最有效率且安全的研磨效果。
LED RPM display. The display can be adjusted to suit different tools and sizes to reflect the appropriate RPM information. A safe and efficient polishing is guaranteed.
- ◆ 使用有刷手機時，LED數字顯示輸出電壓，一樣可以換算手機轉速，做最有效率且安全的研磨作業。
During the use of hand piece with brush, the LED will display voltage, but it can also be converted to display RPM to promote safe and optimal performance operation.
- ◆ 先進的高效率微處理器可以隨時偵測手機操作狀況，精準地控制各種手機之輸出，保護迴路及扭力補償及穩定轉速，以發揮手機之最佳操作性能。
Advanced high performance micro processor can passively detect the working condition of the hand piece during usage, precisely adjusting various hand piece output, RPM and torque compensation accordingly and monitor to maintain the performance at maximum. The protection circuit is also monitored to provide best protection

AR-800 (P) 可選配手機 / AR-800 (P) Handpiece ※Optional

	Moder No. 型號	Specifications 規格
	U-LAP60 (旋轉手機/無刷型)	Rotary Handpiece (DC Brushless Type) 轉速 / Speed : 50,000 rpm 扭力 / Torque : 7.8 Ncm 尺寸 / Dimension : Ø 29 x 161mm 重量 / Weight : 250g
	U-LAP50 (旋轉手機/有刷型)	Rotary Handpiece (DC Brush Type) 轉速 / Speed : 40,000 rpm 扭力 / Torque : 4.5 Ncm 尺寸 / Dimension : Ø 29 x 153mm 重量 / Weight : 260g
	U-LAP35 (旋轉手機/有刷型)	Rotary Handpiece (DC Brush Type) 轉速 / Speed : 35,000 rpm 扭力 / Torque : 2.9 Ncm 尺寸 / Dimension : Ø 29 x 152mm 重量 / Weight : 230g

*全部手機皆為選配商品，AR-800 (P) 內未包含，下單時請注意!

*All handpiece are Optional accessory, did not include in AR-800 (P)

AP-300 無刷型電源控制器 / Brushless Rotary Micromotor Controller



規格 / Specification

電源 / Main Supply : AC 90 ~ 250V, 50/60Hz

無刷輸出功率 / Power of DC brushless : 100watt

無刷轉速 / Speed of DC brushless : 1,000~50,000 rpm

保險絲 / Fuse : 2A

尺寸 / Dimension : 192x146x98mm

重量 / Weight : 800g

AP-300 內含配件 / Include (Standard)




腳踏開關 / Foot Switch



電源線 / Power Cord

- ◆ 可使用於AC 90 ~240V, 50/60Hz的電源，不必切換任何開關，也沒有插錯電源而毀損機器的風險。
Can be plugged into AC 90 ~240V, 50/60Hz power outlet. No need to switch between different power outlets and eliminates the risk of plugging into wrong power rating outlet.
- ◆ LED數字轉速顯示，讓您可依據各種不同的工具及外徑，調整最合適轉速，以達到最有效率且安全的研磨效果。
LED RPM display. The display can be adjusted to suit different tools and sizes to reflect the appropriate RPM information. A safe and efficient polishing is guaranteed.
- ◆ 內建過負載保護程式，確保手機不致因過載使用而損壞。
Built in overload protection prevents the hand piece from damage during an overloading instance.
- ◆ 系統會自動偵測手機之使用狀況，隨時對各種操作條件給予不同的扭力補償以穩定操作轉速，充分發揮手機之操作性能。
The system will detect the current usage status of the hand piece and adjust the torque accordingly to stabilize the RPM. This feature ensures that the hand piece will always be at the optimal performance.
- ◆ 建議搭配U-Lap 60無刷手機使用。
U-Lap 60 Brushless hand piece is recommended to be paired with AP-300.
- ◆ 可選購一般開關型或可調速型腳踏開關。
Conventional On-Off pedal switch and Adjustable pedal switch are optional.

AP-300 可選配手機 / AP-300 Handpiece ※Optional

Model No. 型號	Specifications 規格
 U-LAP60 (旋轉手機/無刷型)	Rotary Handpiece (DC Brushless Type) 轉速 / Speed : 50,000 rpm 扭力 / Torque : 7.8 Ncm 尺寸 / Dimension : Ø 29 x 161mm 重量 / Weight : 250g

*U-LAP 60 手機為選配商品, AP-300 內未包含, 下單時請注意!

*U-LAP handpiece are Optional accessory, did not include in AR-300

可搭配使用之研磨耗材 / Grinding Tools ※Optional



帶柄砂輪

Mounted Points

連結 / Link :



鑽石磨棒

Diamond Mounted Points

連結 / Link :



可搭配使用之拋光耗材 / Polishing Tools ※Optional



彈性帶柄砂輪

Elastic Mounted Points

連結 / Link :



帶柄羊毛輪

Felt Bobs

連結 / Link :



AP-200 有刷型多功能電源控制器 / Multiple Funtional Brush Rotary Power Controller



規格 / Specification

電源 / Main Supply : AC 90 ~ 250V, 50/60Hz
有刷輸出功率 / Power of DC brush : 70watt
有刷輸出電壓 / Voltage output of DC brush : 5~32V
最大過載保護 / Max Overload Current Protection : 3A
保險絲 / Fuse : 2A
尺寸 / Dimension : 192x156x98mm (800g)

AP-200 內含配件 / Include (Standard)



腳踏開關 / Foot Switch



電源線 / Power Cord

- ◆ AP-200為先進設計的電源控制器，此電源供應器提供了三功能輸出選擇：正常功能、緩啟動功能及扭力自動補償功能。
AP-200 is a more advanced Power Controller for hand piece with brush. That provide there different output functions: Normal, slow-start, and self torque compensation.
- ◆ 過負載保護裝置：當電動手機處於過載時系統會自動斷電，以保護機器及手機不至於受損。
Overload Protection: The system will be shut down when an overload occurs to protect the controller and hand piece from damage.
- ◆ 可以選購一般開關型或可調速型腳踏開關。
Conventional On-Off pedal switch and Adjustable pedal switch are optional.

AP-200 可選配手機 / AP-200 Handpiece ※Optional

型號	規格
 U-LAP50 (旋轉手機/有刷型)	Rotary Handpiece (DC Brush Type) 轉速 / Speed : 40,000 rpm 扭力 / Torque : 4.5 Ncm 尺寸 / Dimension : Ø 29 x 153mm 重量 / Weight : 260g
 U-LAP35 (旋轉手機/有刷型)	Rotary Handpiece (DC Brush Type) 轉速 / Speed : 35,000 rpm 扭力 / Torque : 2.9 Ncm 尺寸 / Dimension : Ø 29 x 152mm 重量 / Weight : 230g

*全部手機皆為選配商品, AP-200 內未包含, 下單時請注意!
*All handpiece are Optional accessory, did not include in AP-200

AP-200 功能簡介 / Features of functions



可搭配使用之耗材 / Tools ※Optional



帶柄砂輪
Mounted Points



鑽石磨棒
Diamond Mounted Points



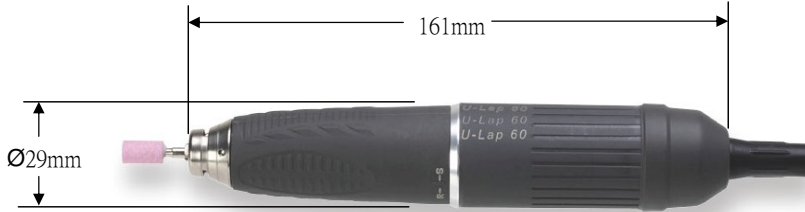
帶柄羊毛輪
Felt Bobs



- **正常功能輸出 (N) :** 當一般操作時使用，此時系統依一般功能輸出。
Normal Output(N) : For use during typical operation
- **緩啟動功能 (S) :** 當您切換至此功能時，即使將輸出調到最高轉速，系統仍然控制手機於最低轉速，但接觸工件開始研磨時，系統會自動地將轉速提升到最高轉速。這個功能主要運用於避免高速運轉時不小心去磨到不想磨到或不能磨到的部位，您可以很精確地控制想加工的地方。此外，對於工件表面凹凸不平處這個功能也能減少研磨時之跳動。
Slow Start (S) : When switched to this mode, the system will control the RPM to the lowest speed when the hand piece is at idle and when the hand piece detect any object, the RPM will rise to the set speed. The main purpose of this function is to reduce the risk of having accident from happening during high RPM application. We can point at the work area more easily and precisely. This will reduce the chance of accidentally touching wrong spot. When working on subjects with uneven surfaces under this mode, can keep the hand piece at stable position more easily
- **扭力自動補償功能 (IR) :** 當您使用一些直徑較大(如Ø20mm砂布輪)或不能高速使用的工具(如鬃刷輪)時，由於研磨壓力使轉速下降或較低轉速時扭力較低，當切換至此功能時系統會自動補償扭力穩定轉速。一般研磨工具建議使用正常功能輸出。
Automatic torque Compensation (IR) : When using any large diameter tools or low RPM tools, the RPM will be slowed down due to the friction. When IR mode is turned on, The system will compensate for the loss of speed to stabilize the RPM. When using normal tools, normal function is recommended.

電動旋轉手機
Rotary Handpiece

U-LAP 60 無刷旋轉手機 / 高扭力高轉速型
Rotary Handpiece (Brushless Type) / High Torque & Speed Type



型號 / Order No. : U-LAP 60
轉速 / Speed : 50,000 rpm
扭力 / Torque : 7.8 Ncm
重量 / Weight: 250g

內容物 :
Include :



可更換式夾頭：標準夾頭Ø3mm，亦可選購Ø2.34mm 或 Ø3.175mm夾頭
Replaceable collet chuck : Ø3.0mm is standard, the Ø2.34mm and Ø3.175mm collet are optional.

可對應之電源供應器
Optional Power Controller

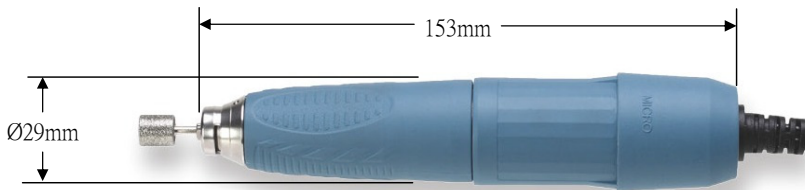


AR-800 (P)



AP-300

U-LAP 50 有刷旋轉手機 / 高轉速型
Rotary Handpiece (Brush Type) / High Speed Type



型號 / Order No. : U-LAP 50
轉速 / Speed : 40,000 rpm
扭力 / Torque : 4.5 Ncm
重量 / Weight: 260g

內容物 :
Include :



可更換式夾頭：標準夾頭Ø3mm，亦可選購Ø2.34mm 或 Ø3.175mm夾頭
Replaceable collet chuck : Ø3.0mm is standard, the Ø2.34mm and Ø3.175mm collet are optional.

可對應之電源供應器
Optional Power Controller



AR-800 (P)



AP-200

U-LAP 35 有刷旋轉手機 / 經濟型
Rotary Handpiece (Brush Type) / Economic Type



型號 / Order No. : U-LAP 35
轉速 / Speed : 35,000 rpm
扭力 / Torque : 2.9 Ncm
重量 / Weight: 230g

內容物 :
Include :



可更換式夾頭：標準夾頭Ø3mm，亦可選購Ø2.34mm 或 Ø3.175mm夾頭
Replaceable collet chuck : Ø3.0mm is standard, the Ø2.34mm and Ø3.175mm collet are optional.

可對應之電源供應器
Optional Power Controller



AR-800 (P)



AP-200