

COMPLETE ULTIMATE SYSTEM WITH POWERFUL METAL CNC MACHINE



The 5-axis milling machine
for wet and dry machining.



ARUM 5X-200

800+
IMPLANT
CONNECTIONS
TOTAL CAD/CAM
SOLUTIONS

- Wet
- Dry
- All Disk
- Connectorless
- CAD Block
- Pre-milled
- 5Axis



ARUM Milling Machine Line-up



Metal Disk [800+ Implant Connection Milling]

Pre-milled Blank

Zirconia Block

Model	5X-500L	5X-500	5X-200	5X-450
Axis	5 Axis	5 Axis	5 Axis	5 Axis
Processing	Wet and Dry	Wet and Dry	Wet and Dry	Wet and Dry
Max. RPM	60,000	60,000	60,000	60,000
Spindle Power	AC 3.6kw	AC 3.6kw	AC 3.0kw	AC 1.28kw
A.T.C	20	20	15	15
Tool Shank (mm)	Ø6	Ø6	Ø6	Ø6
Motor	Servo	Servo	Servo	Stepping
Drive Mechanism	Ball Screw	Ball Screw	Ball Screw	Ball Screw
Way System	Linear Guide	Linear Guide	Linear Guide	Linear Guide
Total Size (W*D*H)	1078*921*1713mm	689*918*1706mm	815*949*1755mm	791*791*1657mm
Weight (Machine / Table)	360 kg / 110 kg	230kg / 65kg	270kg / 135kg	185kg / 65kg
Travel	X, Y, Z axis	227.5*125*131mm	227.5*125*131mm	245*116*130mm
	A axis / B axis	360° / +40° ~ -31.5°	360° / +40° ~ -31.5°	360° / ±30°
Disk Jig or Cartridge Type	O type, C type	O type, C type	O type	C type
Number of Jig	12	-	-	-
Jig exchange	Auto	-	-	-

Materials

Pre-milled Blank	◎ (10ea)	◎ (10ea)	◎ (5ea)	◎ (5ea)
Co-Cr & Ni-Cr Disk	○	○	◎	X
Titanium Disk	◎	◎	◎	○
Lithium Disilicate	○	○	○	○
Nanocomposite	◎	◎	◎	◎
Zirconia	◎	◎	◎	◎
PMMA	◎	◎	◎	◎
PEEK	◎	◎	◎	◎
Wax	◎	◎	◎	◎

Applications

Implant Bar	◎	◎	◎	◎
Screw-Retained Bridge	◎	◎	◎	◎
Customized Abutment	◎	◎	◎	◎
Hybrid Abutment	◎	◎	◎	◎
Inlay & Onlay	◎	◎	◎	◎
Crown & Coping	◎	◎	◎	◎
Crown & Coping Bridge	◎	◎	◎	◎
Model	◎	◎	◎	◎
Bite Splint	◎	◎	◎	◎
Denture	◎	◎	◎	◎

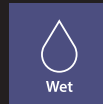


4X-450	5X-400	5X-300 Pro	5X-300D
4 Axis	5 Axis	5 Axis	5 Axis
Wet	Wet and Dry	Wet and Dry	Dry
50,000	80,000	80,000	60,000
AC 1.8kw	AC 0.5kw	AC 0.5kw	AC 0.5kw
6	10	12	12
Ø6	Ø4	Ø4	Ø4
Stepping	Stepping	Stepping	Stepping
Ball Screw	Ball Screw	Ball Screw	Ball Screw
Linear Guide	Linear Guide	Linear Guide	Linear Guide
791*791*1657mm	568*643*1616mm	568*641*1583mm	568*641*645mm
185kg / 65kg	100kg / 65kg	90kg / 65kg	90kg / -
241*116*130mm	146*122.3*106.5mm	167*119.8*94mm	167*119.8*94mm
360° / -	±35.2° / 360°	±30° / 360°	±30° / 360°
-	O type	C type	C type
-	-	-	-
-	-	-	-
◎ (10ea)	○ (2ea)	X	X
X	X	X	X
X	X	X	X
X	◎	◎	X
X	◎	◎	◎
X	◎	◎	◎
X	◎	◎	◎
X	◎	◎	◎
X	◎	◎	◎
X	X	X	X
X	X	X	X
◎	○	X	X
X	◎	◎	◎
X	◎	◎	◎
X	◎	◎	◎
X	◎	◎	◎
X	◎	◎	◎
X	◎	◎	◎
X	◎	◎	◎
X	○	◎	◎

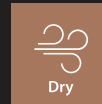
* Products are subject to change without notice to improve quality, function, design or otherwise. / ◎: High Compatibility / ○: Compatibility / X: Non-Compatibility

ARUM 5X-200

DC
3.0kw



Wet



Dry



All Disk



Connectorless



CAD Block



Pre-milled



5Axis

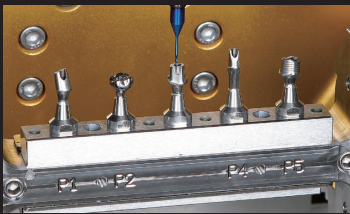
Steady Seller for Years



European Milling Strategy Set-up

For more than 800 implant connections.

Connectorless Abutment Milling



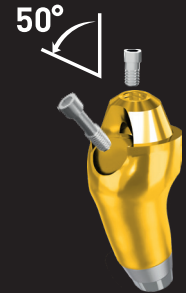
Machine Hard and Soft Materials

Including: CoCr, Titanium, Stainless, Glass-ceramics, Zirconia, PMMA and more.



Continuous Revolution from Europe R&D Team

Developing new milling structure for the maximum usability.



Solid Machine Frame for Incomparable Quality

405kg machine weight with cast aluminum frame.

Strongest Spindle Power

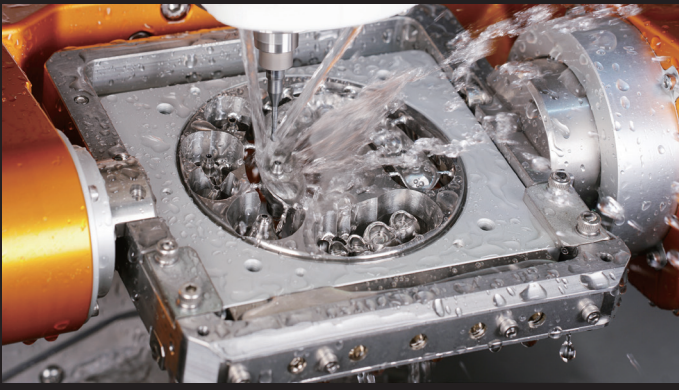
5-Axis

Simultaneous machining including undercuts.

Materials & Applications Info.

Materials		Applications	
Pre-milled Blank	⊙ (5ea)	Implant Bar	⊙
Co-Cr & Ni-Cr Disk	⊙	Screw-Retained Bridge (Crown & Coping)	⊙
Titanium Disk	⊙	Customized Abutment	⊙
Lithium Disilicate	○	Hybrid Abutment	⊙
Nanocomposite	⊙	Inlay & Onlay	⊙
Zirconia	⊙	Crown & Coping	⊙
PMMA	⊙	Crown & Coping Bridge	⊙
PEEK	⊙	Model	⊙
Wax	⊙	Bite Splint	⊙
		Denture	⊙

⊙: High Compatibility / ○: Compatibility / X: Non-Compatibility



A Standard of METAL Milling

This machine can be compared with none of the metal milling machine. You can mill various shapes such as Implant Bar Bridge, Screw-retain Bridge, and Partial Framework using various materials such as Co-Cr, Titanium and Ni-Cr, etc.

Based on unsurpassed metal milling capability and extensive know-how accumulated over many years, the excellence of our product has been proven in the global market.

Easy Material Replacement

As it is easy to replace Disk Cartridge, you can replace Disk quickly and easily and use materials economically.

Specifications

Axis	5 Axis	Drive Mechanism	Ball Screw
Processing	Wet and Dry	Way System	Linear Guide
Spindle Power	AC 3.0kw	Machine Size (W*D*H)	815*949*941mm
Max. RPM	60,000	Total Size (W*D*H)	815*949*1755mm
A.T.C	15	Weight (Machine / Table)	270kg / 135kg
Tool Shank (mm)	Ø6	Travel	X,Y,Z axis
Motor	Servo		A / B axis
			325*142.5*144mm
			360° / ±30°

Tool List

Material	Code	Ø	Size	Material	Code	Ø	Size
Zirconia	ZB-05	2.0	D2.0*L20*55	Glass ceramic	DG-21	1.0	D1.0*L10*50
	ZB-06	1.0	D1.0*L14*53		DG-22	0.6	D0.6*L08*50
	ZB-07	0.6	D0.6*L08*50		DG-37	2.5	D2.5*L12*50
	ZB-78	0.3	D0.3*L1.5*50		DG-38	1.5	D1.5*L10*50
Metal (Premilled Blank/Disk)	MB-09	3.0	D3.0*L12*50	PMMA(Long)	PB-88	3.0	D3.0*L20*55
	MB-10	2.0	D2.0*L12*50		PB-89	2.0	D2.0*L20*55
	MB-11	1.5	D1.5*L10*50		PB-90	1.5	D1.5*L18*58
	MB-12	1.0	D1.0*L10*50		PB-91	1.0	D1.0*L13*55
Metal(Disk)	MB-14	0.6	D0.6*L03*50	PB-92	0.6	D0.6*L10*55	
				PMMA(Denture)	PB-93	4.5	D4.5*L25*60
Metal (Reamer)	MR-01	3.5	D3.5*L18*55*180°	PMMA(Lollipop)	PB-94	3.0	D3.0*L15*60
	MR-02	2.6	D2.6*L18*55*180°	T-cutter	TC-82	2.0	D2.0*L08*50
	MR-05	2.3	D2.3*L18*55*120°		TC-83	1.8	D1.8*L08*50
	MR-06	2.3	D2.3*L18*55*90°		TC-84	1.5	D1.5*L08*50
	MR-07	2.3	D2.3*L18*55*30°		TC-97	2.3	D2.3*L07*50
	MR-09	2.4	D2.4*L18*55*70°	Flat endmill	MF-15	2.0	D2.0*L18*55
	MR-10	2.6	D2.6*L18*55*30°		MF-45	1.5	D1.5*L07*50
	MR-11	2.4	D2.4*L18*55*140°		MF-71	0.6	D0.6*L05*50
	MR-12	2.6	D2.6*L18*55*90°	Bullnose mill	MFR-44	1.5	D1.5*L05*R0.1*50
	MR-13	2.7	D2.7*L18*55*70°		MFR-66	1.5	D1.5*L14*R0.2*50
	MR-14	2.3	D2.3*L18*55*70°		MFR-43	2.0	D2.0*L18*R0.2*55
	MR-15	2.3	D2.3*L18*55*180°	Thread	TH-69	M2.0*P0.4	M2.0*P0.4
	MR-16	2.4	D2.4*L18*55*90°		TH-70	M1.4*P0.3	M1.4*P0.3
	Metal(Drill)	MD-18	1.5		D1.5*L14*50	TH-95	M1.8*P0.35
MD-19		2.0	D2.0*L18*55		TH-99	M1.6*P0.35	M1.6*P0.35
MD-73		1.1	D1.1*L05*50				
Zirconia (Long)	ZB-85	2.0	D2.0*L25*60				
	ZB-86	1.0	D1.0*L20*60				
	ZB-87	0.6	D0.6*L10*60				

WE SHARE THE EXPERIENCE
with
PERFECTION

GET IN TOUCH

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