

Redefining
Dental Milling
Tomorrow's Technology Today



ARUM 5X-200 Complete Ultimate System



Co-Cr

Ni-Cr

Titanium

PMMA

Zirconia

Resin

Wax

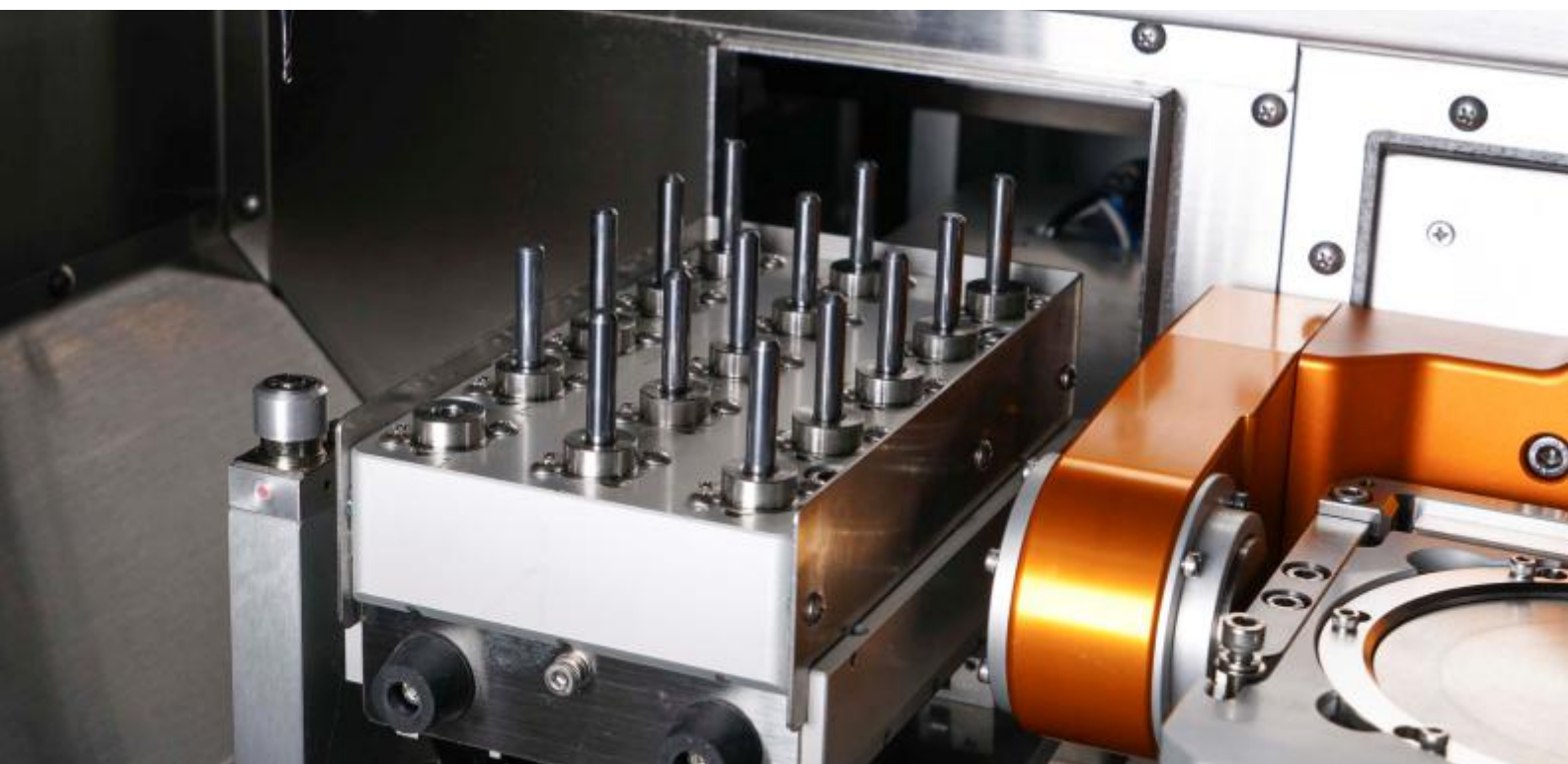
Customized Abutment



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 Titanium, Co-Cr, 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.





Mounting of 5 pre-milled blanks

With a function of mounting of 5 pre-milled blanks simultaneously. Also, you can product Customized Abutment without Connector with AT Holder. In addition, it is possible to process using the Straumann PMAB holder (Bushing type) exclusively for Straumann Pre-milled Blanks, so it has expandability.



Amazing milling power

With DC 3.0kw spindle, Servo Motor & Linear Guide, you can mill any dental material such as Titanium, Co-Cr, Pre-milled Blank, Zirconia, Lithium Disilicate, Nanocomposite, PMMA, PEEK, and WAX and more.



Special tool designed for perfection

The optimal tool designed to increase the completeness of milling. With use of ARUM's special tools such as Drill Tool, Reamer Tool, and Thread Tool, etc., you can achieve the best milling restoration.



DC
3.0kw



Wet



Dry



All Disk



Connectorless



CAD Block



Pre-milled



5Axis

Co-Cr & Titanium Disk



Screw-Retained Bridge Crown & Coping



Implant Bar & Screw-Retained Bridge Coping



Materials & Applications Info.

| Materials | | Applications | |
|-----------------------------|---------|--|---|
| Pre-milled Blank (Titanium) | ⊙ (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

Specifications

| | | | | |
|-----------------|-------------|--------------------------|----------------|---------------|
| Axis | 5-Axis | Drive Mechanism | Ball Screw | |
| Processing | Wet and Dry | Way System | Linear Guide | |
| Spindle Power | DC 3.0kw | Machine Size (W*D*H) | 800*950*940mm | |
| Max. RPM | 60,000 | Total Size (W*D*H) | 800*950*1760mm | |
| A.T.C | 15 | Weight (Machine / Table) | 270kg / 135kg | |
| Tool Shank (mm) | Ø6 | Travel | X,Y,Z axis | 330*146*145mm |
| Motor | Servo | | A / B axis | 360° / ±30° |

Tool List

| | Code | Size | Code | Size | Code | Size |
|---------|--------|------------------|--------|------------------|--------|------------------|
| Basic | ZB-05 | D2.0*L20*55 | MB-14 | D0.6*L03*50 | MF-15 | D2.0*L18*55 |
| | ZB-06 | D1.0*L14*53 | MD-18 | D1.5*L14*50 | MF-45 | D1.5*L07*50 |
| | ZB-07 | D0.6*L08*50 | MD-19 | D2.0*L18*55 | MF-71 | D0.6*L05*50 |
| | MB-09 | D3.0*L12*50 | DG-21 | D1.0*L10*50 | MFR-44 | D1.5*L05*R0.1*50 |
| | MB-10 | D2.0*L12*50 | DG-22 | D0.6*L08*50 | MFR-66 | D1.5*L14*50 |
| | MB-11 | D1.5*L10*50 | DG-37 | D2.5*L12*50 | MTR-72 | M2*P0.4 |
| | MB-12 | D1.0*L10*50 | DG-38 | D1.5*L10*50 | | |
| Special | Code | Size | Code | Size | Code | Size |
| | ZB-01 | D2.0*L20*63(Dia) | TC-83 | D1.8*L08*50 | MR-06 | D2.3*L18*55*90° |
| | ZB-01A | D2.0*L20*63(DLC) | TC-84 | D1.5*L08*50 | MR-07 | D2.3*L18*55*30° |
| | ZB-02 | D1.0*L16*63(Dia) | MD-73 | D1.1*L05*50 | MR-09 | D2.4*L18*55*70° |
| | ZB-02A | D1.0*L16*63(DLC) | MFR-43 | D2.0*L18*R0.2*55 | MR-10 | D2.6*L18*55*30° |
| | ZB-03 | D0.6*L13*63 | MFR_66 | D1.5*L14*50 | MR-11 | D2.4*L18*55*140° |
| | ZB-04 | D0.3*L1.5*63 | MTR-74 | M1.4*P0.3 | MR-12 | D2.6*L18*55*90° |
| | ZB_08 | D0.5*L08*50*6° | TH-69 | M2.0*P0.4 | MR-13 | D2.7*L18*55*70° |
| | ZB-77 | D3.0*L20*50 | TH-70 | M1.4*P0.3 | MR-14 | D2.3*L18*55*70° |
| | ZB-78 | D0.3*L1.5*50 | MR-01 | D3.5*L18*55*180° | MR-15 | D2.3*L18*55*180° |
| | MB-67 | D1.5*L16*52 | MR-02 | D2.6*L18*55*180° | MR-16 | D2.4*L18*55*90° |
| | TC-82 | D2.0*L08*50 | MR-05 | D2.3*L18*55*120° | | |

Accessories

| | | | | |
|---|---|---|--|---|
|  |  |  |  |  |
| Disk Cartridge | AT Holder | Attachment | Bushing | Straumann PMAB holder |

* Products are subject to change without notice to improve quality, function, design or otherwise.

ARUM 5X-300 Pro Bright Future, Right System



Zirconia

PMMA

Resin

Wax

Ceramic Glass



Efficient C-TYPE JIG

Labial (or Buccal) side texture and undercut area precision processing minimize post-processing time.

Easy and easy material change

You can easily exchange from disk to CAD block as it uses cartridge type materials.



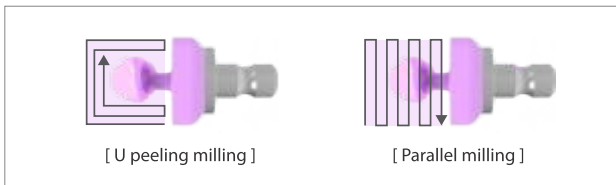


All in One System

An external compressor is not required, and all additional devices (Dust Collector, Coolant System) are built inside the table to overcome installation space constraint and minimize noise. ** German Renfert SILENT compact CAM model is used (optional)

High speed 80,000 RPM

By choosing one from 2 modes of roughing process (U peeling milling, and Parallel milling), you can process glass ceramic materials more effectively.

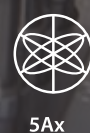
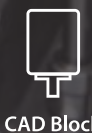
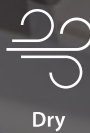
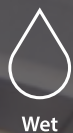


Excellent detail expression

Through groove, labial side texture precision processing using ARUM's exclusive 0.3mm tool for Zirconia, you can process prostheses close to natural teeth.



RPM
80,000





Zirconia Crown



Zirconia Hybrid Abutment



Crown & Coping Bridge

Materials & Applications Info.

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

Specifications

| | | | |
|-----------------|-------------|--------------------------|----------------------------|
| Axis | 5-Axis | Drive Mechanism | Ball Screw |
| Processing | Wet and Dry | Way System | Linear Guide |
| Spindle Power | AC 0.5kw | Machine Size (W*D*H) | 570*620*640mm |
| Max. RPM | 80,000 | Total Size (W*D*H) | 570*620*1580mm |
| A.T.C | 12 | Weight (Machine / Table) | 90kg / 65kg |
| Tool Shank (mm) | Ø4 | Travel | X,Y,Z axis 159*120*90mm |
| Motor | Stepping | | A / B axis ±30° / 360° |

Tool List

| | Code | Size | Code | Size |
|--------|---------|-------------|-------|---------------|
| Basic | ZB-46 | D2*L18*50 | PB-51 | D1.0*L10*44 |
| | ZB-47 | D1.0*L16*50 | DG-52 | D2.5*L13*44.5 |
| | ZB-48 | D0.6*L10*45 | DG-53 | D1.5*L10*44.5 |
| | ZB-65 | D0.3*L10*45 | DG-54 | D1.0*L10*44.5 |
| | PB-49 | D2*L18*50 | DG-55 | D0.6*L8*41 |
| | PB-50 | D1.5*L14*47 | | |
| | Special | Code | Size | Code |
| MOB-56 | | D3.0*L20*50 | ZF-75 | D0.6*L8*45 |
| ZF-70 | | D1.7*L18*50 | TC-80 | D1.8*L08*45 |

Accessories



Disk Cartridge (C-Type)



CAD Block Cartridge

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ARUM 5X-500

The Leader of Middle Class Specialized



Customized Abutment

Titanium

Ni-Cr

Co-Cr

PMMA

Zirconia

Resin

Wax



Outstanding machining performance

5X-500 is a modal without a loader part. With it you can easily replace 4 types of jigs, which allows you to be able to freely machine from disk to pre-milled blank.





With ZERO Point system, you can achieve excellent origin point precision despite repeated jig replacement, which allows you to machine even complex shape stably. Servo Motor with built-in Absolute Encoder and Auxiliary Support compensates for even fine vibrations.



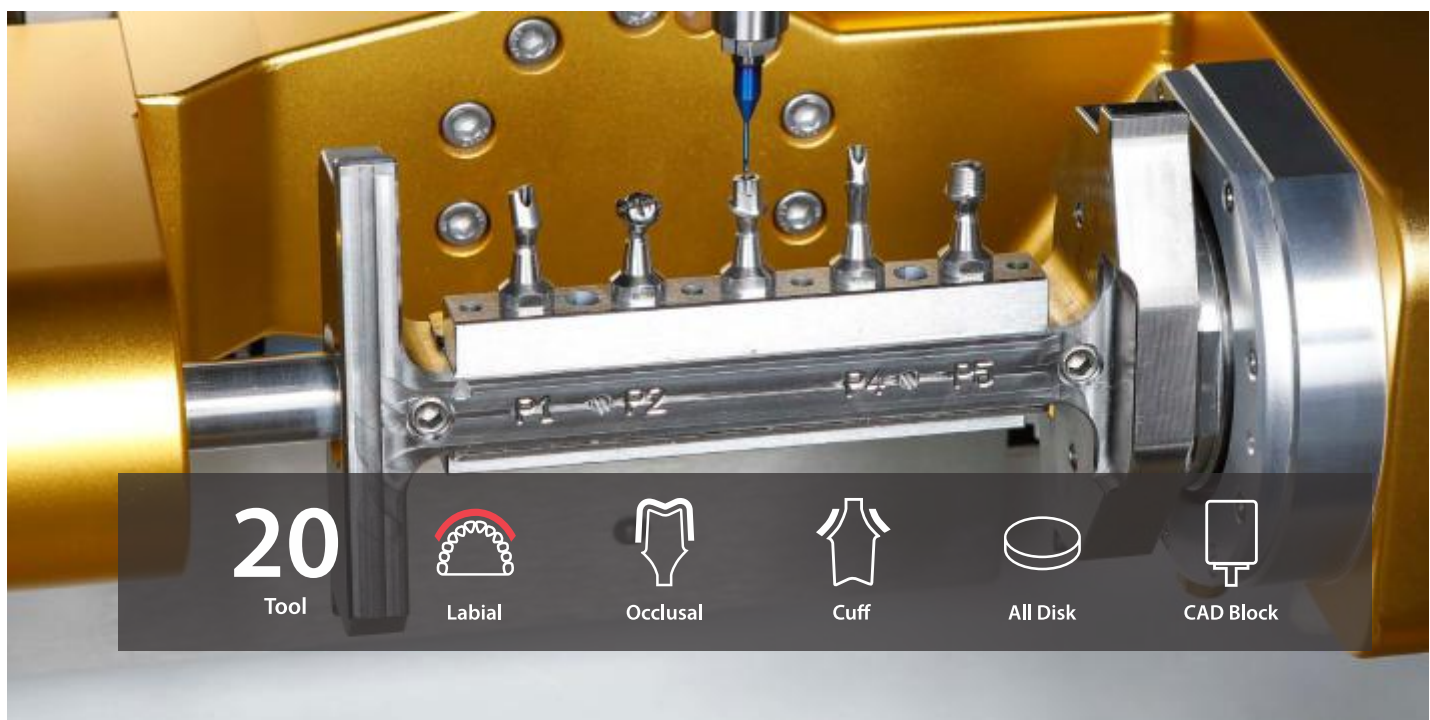
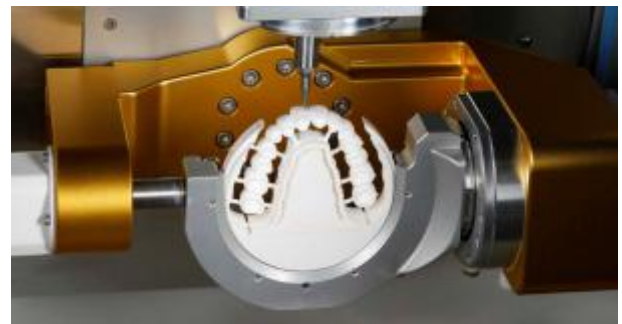
Best-in-class Spindle

With the powerful spindle from Sycotec in Germany, it boasts excellent performance in machining all dental CAD/CAM materials including metal (Co-Cr, Titanium, Ni-Cr)



Labial Side Machining

With Open C Type Jig, you can minimize time spent in precision machining and post-machining of labial (or Buccal) side texture and undercut area.



20

Tool



Labial



Occlusal



Cuff



All Disk



CAD Block

Materials & Applications Info.

| Materials | | Applications | |
|-----------------------------|----------|--|---|
| Pre-milled Blank (Titanium) | ⊙ (10ea) | 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

Tool List

| | Code | Size | Code | Size | Code | Size |
|---------|--------|------------------|--------|------------------|--------|------------------|
| Basic | ZB-05 | D2.0*L20*55 | MB-14 | D0.6*L03*50 | MF-15 | D2.0*L18*55 |
| | ZB-06 | D1.0*L14*53 | MD-18 | D1.5*L14*50 | MF-45 | D1.5*L07*50 |
| | ZB-07 | D0.6*L08*50 | MD-19 | D2.0*L18*55 | MF-71 | D0.6*L05*50 |
| | MB-09 | D3.0*L12*50 | DG-21 | D1.0*L10*50 | MFR-44 | D1.5*L05*R0.1*50 |
| | MB-10 | D2.0*L12*50 | DG-22 | D0.6*L08*50 | MFR-66 | D1.5*L14*50 |
| | MB-11 | D1.5*L10*50 | DG-37 | D2.5*L12*50 | MTR-72 | M2*P0.4 |
| | MB-12 | D1.0*L10*50 | DG-38 | D1.5*L10*50 | | |
| Special | Code | Size | Code | Size | Code | Size |
| | ZB-01 | D2.0*L20*63(Dia) | TC-83 | D1.8*L08*50 | MR-06 | D2.3*L18*55*90° |
| | ZB-01A | D2.0*L20*63(DLC) | TC-84 | D1.5*L08*50 | MR-07 | D2.3*L18*55*30° |
| | ZB-02 | D1.0*L16*63(Dia) | MD-73 | D1.1*L05*50 | MR-09 | D2.4*L18*55*70° |
| | ZB-02A | D1.0*L16*63(DLC) | MFR-43 | D2.0*L18*R0.2*55 | MR-10 | D2.6*L18*55*30° |
| | ZB-03 | D0.6*L13*63 | MFR_66 | D1.5*L14*50 | MR-11 | D2.4*L18*55*140° |
| | ZB-04 | D0.3*L1.5*63 | MTR-74 | M1.4*P0.3 | MR-12 | D2.6*L18*55*90° |
| | ZB_08 | D0.5*L08*50*6° | TH-69 | M2.0*P0.4 | MR-13 | D2.7*L18*55*70° |
| | ZB-77 | D3.0*L20*50 | TH-70 | M1.4*P0.3 | MR-14 | D2.3*L18*55*70° |
| | ZB-78 | D0.3*L1.5*50 | MR-01 | D3.5*L18*55*180° | MR-15 | D2.3*L18*55*180° |
| | MB-67 | D1.5*L16*52 | MR-02 | D2.6*L18*55*180° | MR-16 | D2.4*L18*55*90° |
| | TC-82 | D2.0*L08*50 | MR-05 | D2.3*L18*55*120° | | |

Specifications

| | | | | |
|-----------------|-------------|--------------------------|----------------|---------------|
| Axis | 5-Axis | Drive Mechanism | Ball Screw | |
| Processing | Wet and Dry | Way System | Linear Guide | |
| Spindle Power | AC 2.2kw | Machine Size (W*D*H) | 710*910*840mm | |
| Max. RPM | 60,000 | Total Size (W*D*H) | 710*910*1735mm | |
| A.T.C | 20 | Weight (Machine / Table) | 230kg / 65kg | |
| Tool Shank (mm) | Ø6 | Travel | X,Y,Z axis | 228*128*130mm |
| Motor | Servo | | A / B axis | 360°/ ±30° |

Accessories

| | | | |
|---|---|--|---|
|  |  |  | |
| Premill Jig T Type | Disk Jig | Disk C Type Jig | |
|  |  |  |  |
| CAD Block Cartridge | Attachment | Calibration Master & Probe | Straumann PMAB holder |

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ARUM 5X-500L

The Leader of Middle Class Specialized



Loader Auto Change 12 Jig

Customized Abutment

Titanium

Ni-Cr

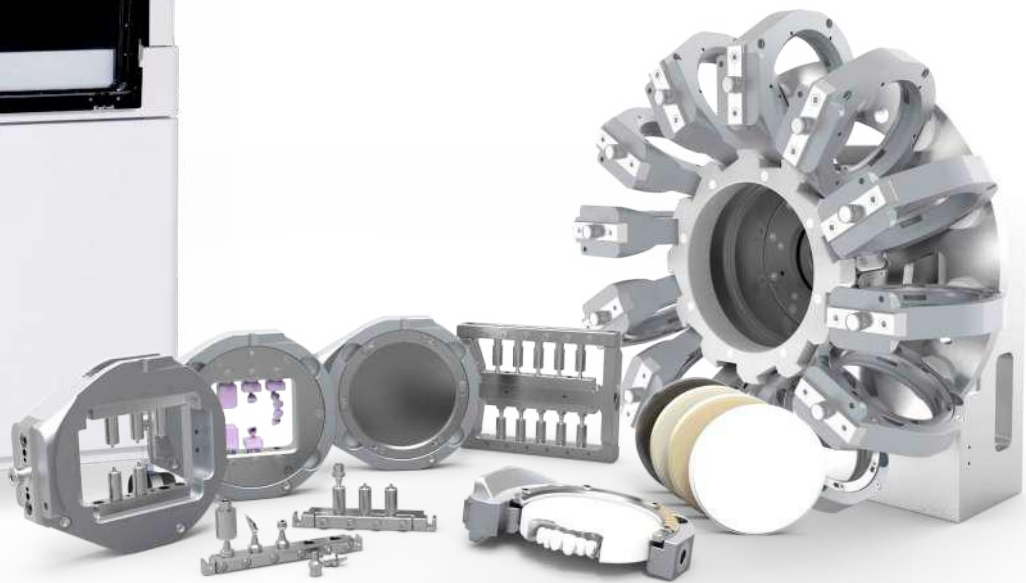
Co-Cr

PMMA

Zirconia

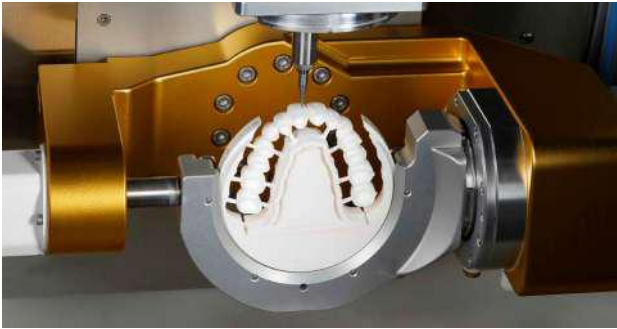
Resin

Wax



Excellent Precision and Durability

With ZERO Point system, you can achieve excellent origin point precision despite repeated jig replacement, which allows you to machine even complex shape stably. Servo Motor with built-in Absolute Encoder and Auxiliary Support compensates for even fine vibrations.

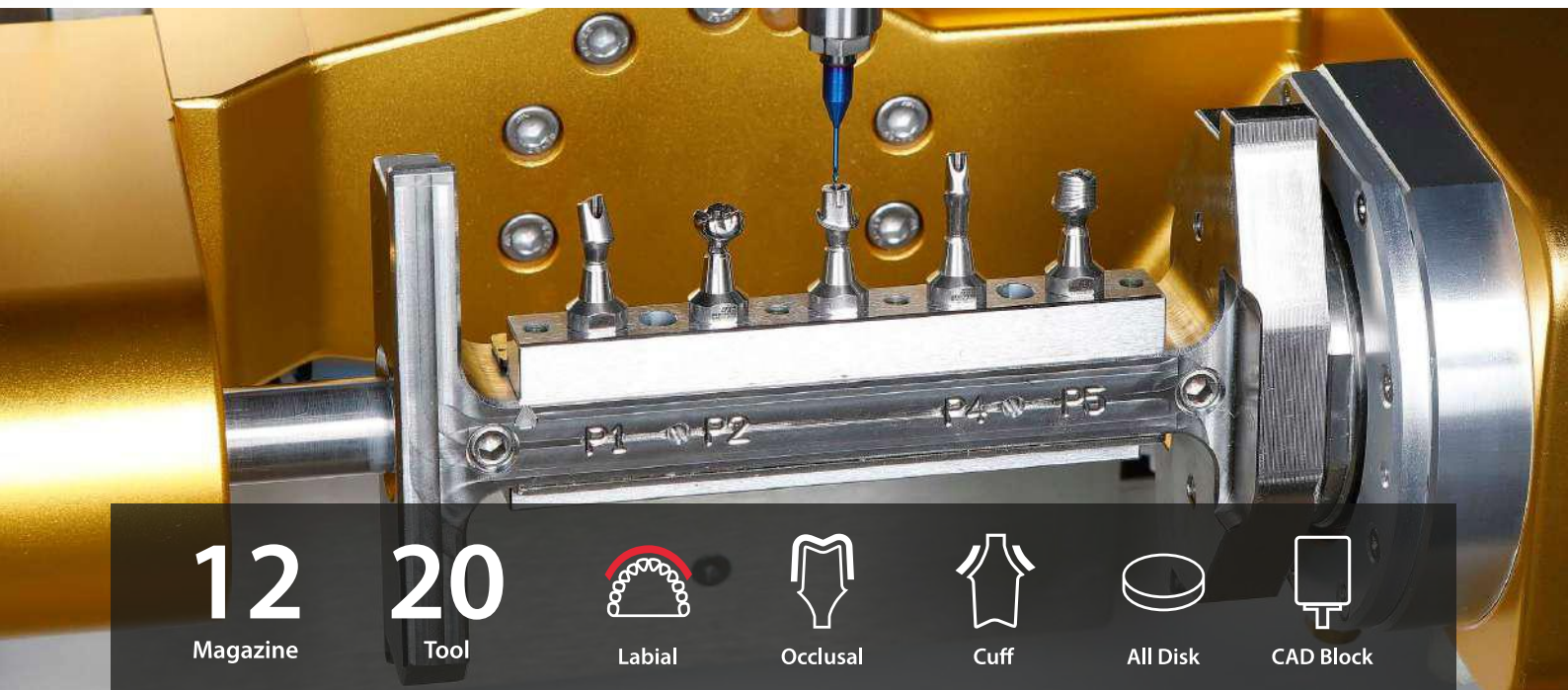
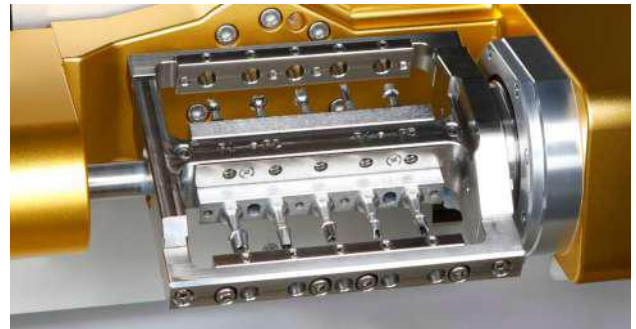


Best-in-class Spindle

With the powerful spindle from Sycotec in Germany, it boasts excellent performance in machining all dental CAD/CAM materials including metal (Co-Cr, Titanium, Ni-Cr).

Labial Side Machining

With Open C Type Jig, you can minimize time spent in precision machining and post-machining of labial (or Buccal) side texture and undercut area.



12
Magazine

20
Tool


Labial


Occlusal


Cuff


All Disk


CAD Block

Materials & Applications Info.

| Materials | | Applications | |
|-----------------------------|----------|--|---|
| Pre-milled Blank (Titanium) | ⊙ (10ea) | 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

Tool List


| | Code | Size | Code | Size | Code | Size |
|---------|--------|------------------|--------|------------------|--------|------------------|
| Basic | ZB-05 | D2.0*L20*55 | MB-14 | D0.6*L03*50 | MF-15 | D2.0*L18*55 |
| | ZB-06 | D1.0*L14*53 | MD-18 | D1.5*L14*50 | MF-45 | D1.5*L07*50 |
| | ZB-07 | D0.6*L08*50 | MD-19 | D2.0*L18*55 | MF-71 | D0.6*L05*50 |
| | MB-09 | D3.0*L12*50 | DG-21 | D1.0*L10*50 | MFR-44 | D1.5*L05*R0.1*50 |
| | MB-10 | D2.0*L12*50 | DG-22 | D0.6*L08*50 | MFR-66 | D1.5*L14*50 |
| | MB-11 | D1.5*L10*50 | DG-37 | D2.5*L12*50 | MTR-72 | M2*P0.4 |
| | MB-12 | D1.0*L10*50 | DG-38 | D1.5*L10*50 | | |
| Special | Code | Size | Code | Size | Code | Size |
| | ZB-01 | D2.0*L20*63(Dia) | TC-83 | D1.8*L08*50 | MR-06 | D2.3*L18*55*90° |
| | ZB-01A | D2.0*L20*63(DLC) | TC-84 | D1.5*L08*50 | MR-07 | D2.3*L18*55*30° |
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| | ZB-02A | D1.0*L16*63(DLC) | MFR-43 | D2.0*L18*R0.2*55 | MR-10 | D2.6*L18*55*30° |
| | ZB-03 | D0.6*L13*63 | MFR_66 | D1.5*L14*50 | MR-11 | D2.4*L18*55*140° |
| | ZB-04 | D0.3*L1.5*63 | MTR-74 | M1.4*P0.3 | MR-12 | D2.6*L18*55*90° |
| | ZB_08 | D0.5*L08*50*6° | TH-69 | M2.0*P0.4 | MR-13 | D2.7*L18*55*70° |
| | ZB-77 | D3.0*L20*50 | TH-70 | M1.4*P0.3 | MR-14 | D2.3*L18*55*70° |
| | ZB-78 | D0.3*L1.5*50 | MR-01 | D3.5*L18*55*180° | MR-15 | D2.3*L18*55*180° |
| | MB-67 | D1.5*L16*52 | MR-02 | D2.6*L18*55*180° | MR-16 | D2.4*L18*55*90° |
| | TC-82 | D2.0*L08*50 | MR-05 | D2.3*L18*55*120° | | |



Specifications

| | | | | |
|-----------------|-------------|--------------------------|----------------|---------------|
| Axis | 5-Axis | Way System | Linear Guide | |
| Processing | Wet and Dry | Machine Size (W*D*H) | 710*910*840mm | |
| Spindle Power | AC 2.2kw | Total Size (W*D*H) | 710*910*1735mm | |
| Max. RPM | 60,000 | Weight (Machine / Table) | 330kg / 110kg | |
| A.T.C | 20 | Travel | X,Y,Z axis | 228*128*130mm |
| Tool Shank (mm) | Ø6 | | A / B axis | 360° / ±30° |
| Motor | Servo | Number of Jig | 12 | |
| Drive Mechanism | Ball Screw | Jig exchange | Auto | |

Accessories

| | | |
|---|---|---|
|  |  |  |
| Disk Jig | Disk C Type Jig | Premill Jig |
|  |  |  |
| AT Holder | Premill Jig T Type | CAD Block Cartridge |
|  |  |  |
| Attachment | Calibration Master & Probe | Straumann PMAB holder |

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DWX-53DC

by  Roland

The completely new design allows for high-precision and rapid milling.

Storage: All the accessories can be stored at the storage space.

Tablet stand: By loosening the screws on the top of the storage, the tablet stand can be pulled out.

ZS-53DC: The tool gripping force has been increased compared to the ZS-52D, resulting in further improvement of machining stability.

Auto Tool Changer (ATC) Milling bur change operation is performed by the ATC motor. Compressed air is not necessary for ATC. (Compressor is not used for ATC.)

Adapter replacement: In the DWX-53DC, the changer unit operates in the vertical direction. For the desired adapter, the AB axis unit moves forward and changes the adapter.

ATC Magazine and Milling Bur Sensor: 15 milling burs can be set to the ATC magazine.

Air Flow Sensor: Cutting waste is taken out using dust collector. The air flow sensor monitors the air flow to prevent the machine from operating when the dust collector is not used.

Milling burs: Only milling burs with a shank diameter of 4 mm can be used. Use the milling bur positioning jig to match the length of the milling bur.

ADVANCED MILLING TECHNOLOGY The Best Is Now Even Better



5
Axis

15
Tools

Dry
Mill

Automatic
Disc Changer

Specifications

| Specifications | |
|---------------------------------------|--|
| Cuttable material | PMMA, Zirconia, Wax, Composite Resin, PEEK, Gypsum, Glass-Fiber-Reinforced Resin, Pre-Sintered Chromium Cobalt |
| Spindle Speed | 30,000 RPM |
| Rotary Axis | A : $\pm 360^\circ$, B: $\pm 35^\circ$ |
| Air Pressure Requirements | 0.4 Mpa |
| External Dimensions (WxDxH) | 23.62 in. x 29.25 in. x 32.75 in. |
| Weight | 264.55 lbs. (120 kg) |
| Disc Changing Time | 1 minute, 7 seconds |
| Material Adapter Compatibility | Standard Adapter: ZMA-53DC, Open-Edge Adapter: ZMA2-53DC |
| # of Material Adapter Patterns | 100 |
| Additional Features | Redesigned, more robust spindle for 3x the gripping power with PMMA applications. Built-In Integrated Webcam, Automatic Extractor Filter Cleaning, Thermohydrometer Accelerometer Sensors |
| Accessories Included | Dedicated Extraction Unit and Connection Cable, Built-In Integrated Webcam, Material Adapter Disc Rack (ZR-53DC), Standard Material Adapters (6-Pack, ZMA-53DC), Open-Edge Material Adapter (ZMA-53DC), 4.0 mm Roughing Tool (ZRB-200D), Diamond-Like Coated (DLC) Milling Tool Set (ZPB-100D, ZPD-50D, & ZPB-30D) |
| Attachable Bur | Shank 4 mm (Diameter), 40-55 mm (Length) |
| Loadable Workplace | Step Section: 98.5 mm Diameter, 10 mm Height; Body Section: Max Height 60 mm |

DWX-52D

by  Roland

New Clamping System:

A new snap-on clamp system with 6 included adapters for 98.5mm discs offer fast and secure set-up of different materials.

User-friendly Design:

A user-friendly Virtual Machine Panel (Vpanel) enables convenient production and device monitoring from your computer.

Adaptor Rack for Increased Efficiency:

6 adapters for 98.5mm material discs are included as standard with the DWX- 52D allowing you to queue up multiple milling jobs for efficient job management. An optional disc adapter rack is also available.



Specifications

| | |
|--------------------------------------|---|
| Millable Material | Zirconia, Wax, PMMA, Composite resin, PEEK, Gypsum, Glass fiber reinforced resin, CoCr sinter metal |
| Spindle rotating speed | 6,000 to 30,000 rpm |
| Rotary axis travel angle | A : $\pm 360^\circ$, B: $\pm 30^\circ$ |
| Number of milling burs housed | 15 |
| Compatible compressed air | 0.02 to 0.2 Mpa |
| Interface | USB |
| Power consumption | Approx. 200 W |
| Weight | 67 KG (147.7 lbs.) |

DWX-52DCI

by  Roland

The ultimate in 24-hour productivity

- Increased productivity and maximum versatility:**
 A snap-on clamp system for the Automatic Disc Changer enables loading of up to six 98.5mm discs for continuous milling of multiple jobs
- DWINDEX Software Monitors Your Milling Performance:** Monitor milling operations and help you determine ROI so you can better plan, identify and manage machine productivity and lab profitability.
- Reliable, Unattended Milling:** Load the 15-station Automatic Tool Changer
- Precision 5-Axis Milling:** A smooth and steady ball screw-driven system offers exceptionally precise results.



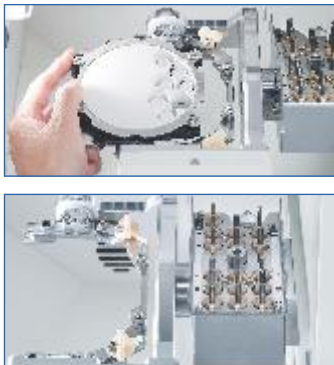
5
Axis

15
Tools

Dry

Mill

6 Automatic
Disc Changer



| Specifications | |
|--------------------------------------|---|
| Millable Material | Zirconia, Wax, PMMA, Composite resin, PEEK, Gypsum, Glass fiber reinforced resin, CoCr sinter metal |
| Spindle rotating speed | 6,000 to 30,000 rpm |
| Rotary axis travel angle | A : $\pm 360^\circ$, B: $\pm 30^\circ$ |
| Number of milling burs housed | 15 |
| Compatible compressed air | 0.02 to 0.2 Mpa |
| Interface | USB |
| Power consumption | Approx. 200 W |
| Weight | 105 KG (231.5 lbs.) |




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