



PREMIUM DENTAL MILLING MACHINE



MAXX Series

THE MAXX IS THE ONE OF THE LEADING COMPANY OF ROBOTICS TODAY, AND STARTED DENTAL CAD/CAM MANUFACTURING FROM 2008.

EXPERIENCE OUR HIGH ROBOT TECHIC WITH MAXX DENTAL MILLING MACHINE SERIES.



Chairman



DM200-5AW



DM200-5M



DS200-4WX



DS200-5Z



ATM-10

M A X X C A N A D A



Glass Ceramic



Zirconia



PMMA



Hybrid ceramic

Chairman

Chairside Milling Machine for Same-Day Crowns



Wet milling

- Single Visit - Ideal for dental clinic and practices
- User Friendly - MAXX Link for remote service, operation, monitoring and training
- Dual Spindles - Reduced processing time by dual spindles (8 to 15 min)
- AC Servo Motor - Stable and precise control
- Embedded Controller - Touch screen for fast and easy operation
- Noise Cancellation - Noise shielding for silent office

\$ 60,358

No. of axes	5
Size and weight	670W x 450D x 410H, approx. 65kg
Controller and motor	Embedded controller (4.0" touch screen), AC servo motor
Millable materials	Pin type block, glass ceramics, hybrid resin, zirconia and PMMA
No. of spindles	2
Spindle specification	High frequency, power: 0.5kW max, rpm: 100,000 max
Tool specification	Automatic tool changer, 3mm shank 3 tools for each spindle
Wet/Dry	Wet
Electrical Requirements	AC100V~AC220V/6A





Metal



Ti pre-milled blank



Zirconia



Wax



PMMA



Hybrid ceramic



Glass ceramic

DS200-4WX




Custom abutment and glass ceramic on one machine

- Specialized in milling Ti pre-milled blank (10)
- AC Servo Motor

\$ 50,298

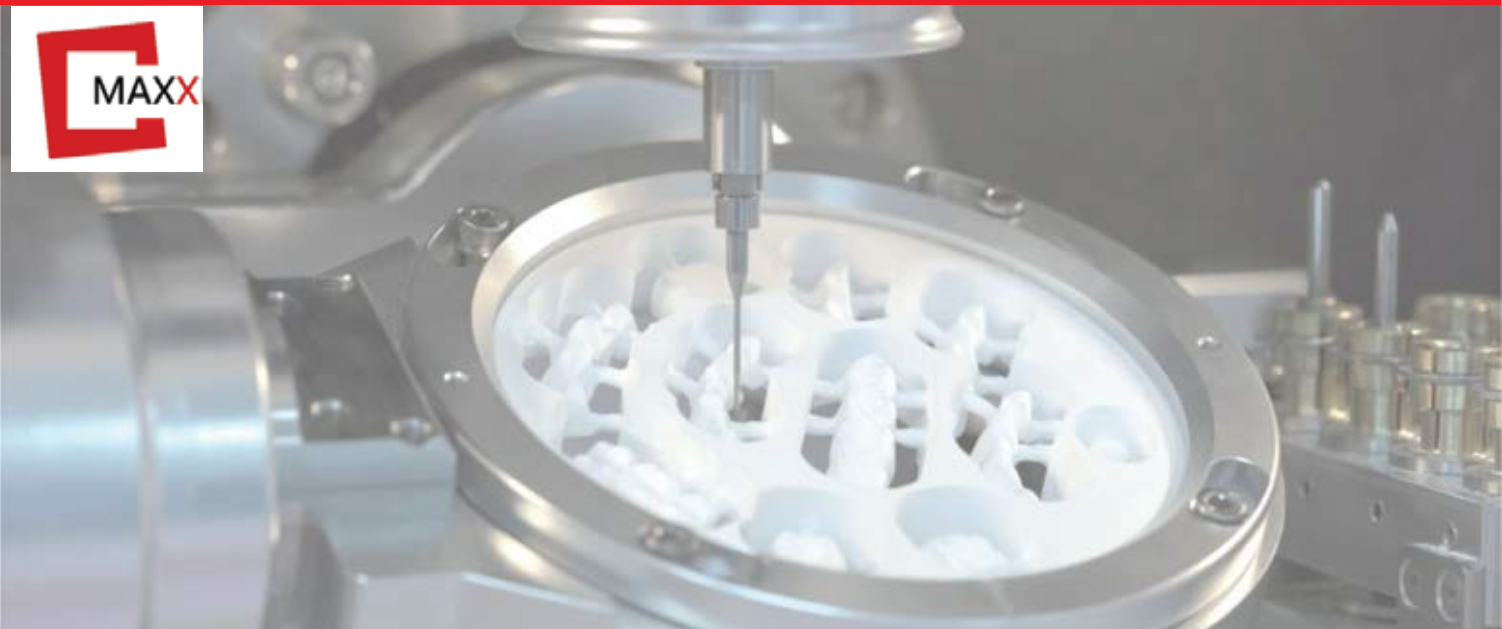


Wet milling

No. of Axis	4-Axis
Size and Weight	500W x 725D x 712H, Approx. 110kg
Controller and motor	Embedded PC (10.1" touch screen), AC Servo motor
Index operating ranges	A=0~180deg
No. of tools and tool spec	Shank diameter : 6 mm, ATC 8 Tools
Spindle	High Frequency, S1:1.4KW, Max 2.7KW, 60,000rpm
Material	Metal, Ti pre-milled blank, Zirconia, Wax, PMMA, Hybrid ceramic and Glass ceramic
Applications	Crowns, Inlays, Onlays, Bridge, SCRPs, Custom Abutment (Occlusion milling is available)
Milling type	Wet
Utility	AC220/6A & Compressed air (6.5bar)
Fixtures	 Disc type  Pre-milled blanks 10  Pin type

- Disc (Φ98, height: 10~25mm) and Ti pre-milled blank (10 blanks)





Zirconia



Wax



PMMA



Hybrid ceramic

DS200-5Z




Specialized in precise dry milling (Buccal Milling)

- Specialized in milling soft materials
- Applications: Crown, Inlays, Onlays, Bridge, SCRIP, Denture, Bite splint

\$ 41,496



Dry milling

No. of Axis	5-Axis
Size and Weight	500W x 682D x 712H, Approx. 100kg
Controller and motor	Embedded PC (10.1" touch screen), AC Servo motor
Index operating ranges	A=+36, -32 deg, B=±180deg
No. of tools and tool spec	Shank diameter : 3 mm, ATC 12 Tools
Spindle	BLDC motor, Max 0.5KW, 60,000rpm
Material	Zirconia, Wax, PMMA, Hybrid ceramic
Applications	Crowns, Inlays, Onlays, Bridge (Buccal milling by C type fixture), SCRIP, Denture, Bite splint
Milling type	Dry
Utility	AC220/6A & Compressed air (6.5bar)
Fixtures	 Disc type  C type  Pin type

• Disc (Φ98, height: 10~25mm) and Pin type (6 blanks)





Metal



Ti pre-milled blank



Zirconia



Wax



PMMA



Hybrid ceramic



Poly urethane



Glass Ceramic

DM200-5M

Premium 5-axis system to mill all materials

- Ability to mill every material
- Applications: Crown, Inlays, Onlays, Bridge, SCRPs, Denture, Custom Abutment, Implant Bar & Bridge, Bite splint






Dry milling



Wet milling

Call for Quote

No. of Axis	5-Axis
Size and Weight	620W x 800D x 1520H, Approx. 220kg
Controller and motor	Embedded PC (10.1" touch screen), AC Servo motor
Index operating ranges	A=±25deg, B=±180deg
No. of tools and tool spec	Shank diameter : 6 mm, ATC 16 Tools
Spindle	High Frequency, S1:1.4KW, Max 2.7KW, 60,000rpm
Material	Metal, Ti pre-milled blank, Zirconia, Wax, PMMA, Hybrid ceramic, Poly urethane, Glass ceramic
Applications	Crowns, Inlays, Onlays, Bridge, SCRPs, Custom Abutment, Denture, Implant Bar & Bridge, Bite splint
Milling type	Wet & Dry
Utility	AC220/6A & Compressed air (6.5bar)
Fixtures	 Disc type  Pre-milled blanks 10  Pin type

- Disc (Ø98, height: 10~25 mm) and Ti pre-milled blank (10 blanks)





Metal



Ti pre-milled blank



Zirconia



Wax



PMMA



Hybrid ceramic



Poly urethane

DM200-5AW

Fully automatic system to increase productivity

- Specialized in milling soft and hard materials
- Applications: Crown, Inlays, Onlays, Bridge, SCRP, Denture, Custom Abutment, Digital Model, Implant Bar & Bridge, Bite splint







Wet milling



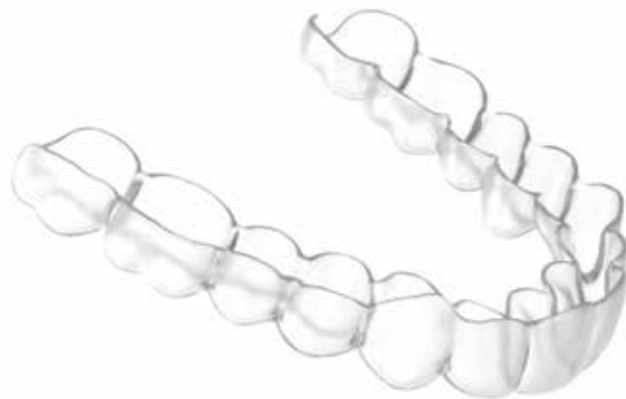
Dry milling

Call for Quote

No. of Axis	5-Axis (Milling machine) + 3-axis (Auto loader robot)
Size and Weight	800W x 800D x 1520H, Approx. 260kg
Controller and motor	Embedded PC (10.1" touch screen), AC Servo motor
Index operating ranges	A=±25deg, B=±180deg
No. of tools and tool spec	Shank diameter : 6 mm, ATC 16 Tools
Spindle	High Frequency, S1:1.4KW, Max 2.7KW, 60,000rpm
Material	Metal, Ti pre-milled blank, Zirconia, Wax, PMMA, Hybrid ceramic, Poly urethane
Applications	Crowns, Inlays, Onlays, Bridge, SCRP, Custom Abutment, Denture, Digital Model, Implant bar & Bridge, Bite Splint
Milling type	Wet & Dry
Utility	AC220/6A & Compressed air (6.5bar)
Fixtures	 Disc type  Pre-milled blanks 6  Pin type  Square type

• Disc (Φ98, height: 10~30 mm) and Ti pre-milled blank(6 blanks), Auto loader (18 discs)





Dry milling

ATM-10

Aligner Trimming Machine

- Specialized in trimming aligners
- Applications: Clear aligner trimming
- Trimming Time: 1.5 ~ 2.8 min per aligner

\$ 25,149

No. of Axis	5-Axis
Size and Weight	350W x 500D x 400H, Approx. 30kg
Controller and motor	Embedded PC (7" touch screen), Stepping motor with encoder
Index operating ranges	AC type, A (-15<A<135 degree) C (±360 degree)
No. of tools and tool spec	Manual tool change
Spindle	12,000rpm
Material	Acryl, PMMA
Applications	Clear aligner trimming
Milling type	Dry, dust collection through dust collector port
Utility	AC110~220 (Free voltage)
Fixtures	