

XTCERA

DENTAL CAD/CAM SOLUTIONS

China Most Experienced Dental CAD/CAM Solution Provider



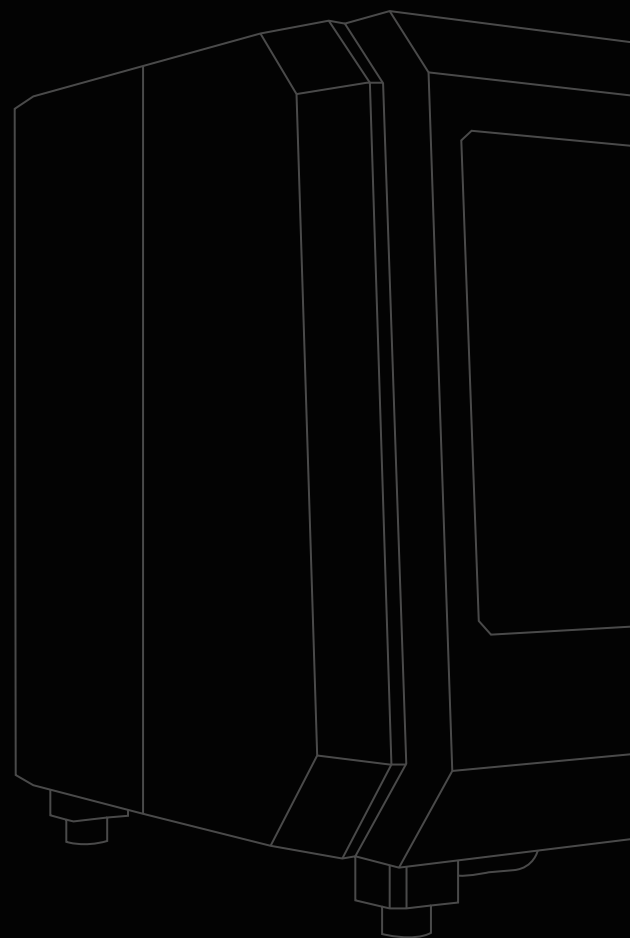
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220 MILLING MACHINE

**Work like a horse! 24x7 Continuously Working*

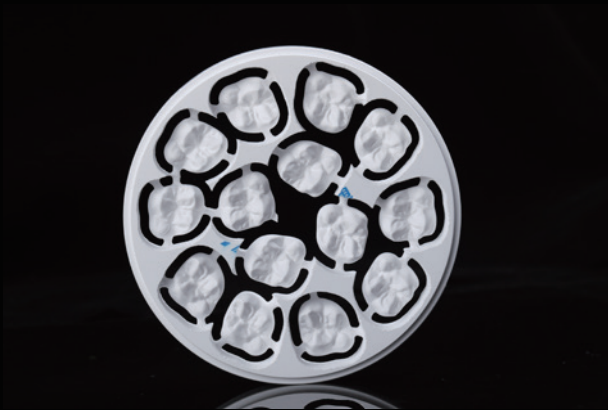
- ◆ Fast and Efficient
- ◆ High Accuracy Harmonic Drive axis (A axis) of 360° Rotation.
- ◆ Smart/Easy Touch



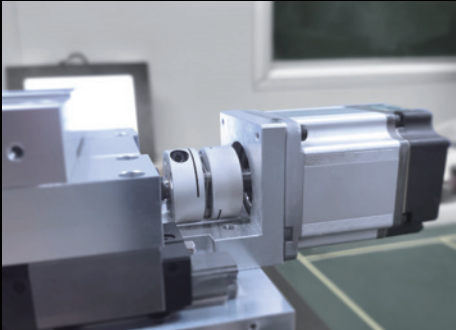
Name	220 Milling Machine
Dimension	730*720*620(mm)
Net weight	Approximately 150kg
Input voltage	Single phase AC 220V
Spindle power	1.2kw
Axis quantity	4
milling range	XYZ:125/130/80mm A:360°
milling mode	Dry milling
Max speed	36,000 rpm
Max feeding speed	6000 mm/min
Bur capacity	3
Bur changing	Automatic
Cooling	Water cooling
Materials	Zirconia, Wax, PMMA
Milling time	Zirconia:8mins, Wax:3mins



High Accuracy Spindle



Zirconia



Servo-motor



Wax



Spindle water chiller



PMMA

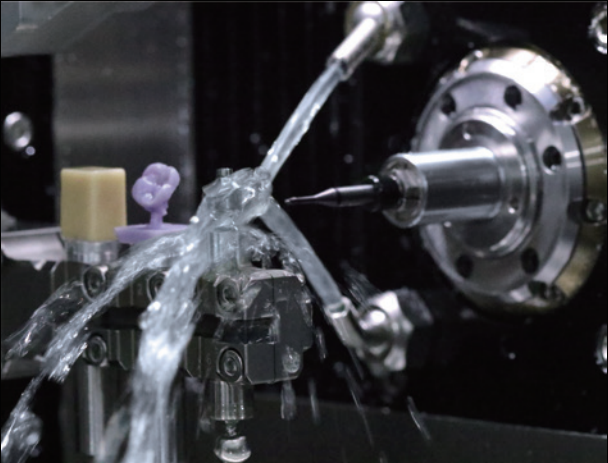
300 MILLING MACHINE

**Innovation of 4 axes Milling Machine
The Most Economic Solution of Pre-milled
Abutment and Glass Ceramic Milling*

- ◆ Wet&Dry Milling, 4 simultaneously working axes.
- ◆ High Accuracy Harmonic Drive axis (A axis) of 360° Rotation.
- ◆ 1800W Industrial Spindle,allows fast milling of hard materials like PEEK and PMMA.



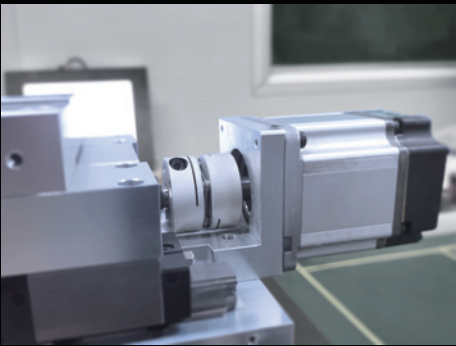
Name	300(w/i) Milling Machine
Dimension	730*720*620(mm)
Net weight	Approximately 150kg
Input voltage	Single phase AC 220V
Spindle power	1.8kw
Axis quantity	4
milling range	XYZ:125/130/80mm 360° (±20)
milling mode	Wet (dry milling optional)
Max speed	60,000 rpm
Max feeding speed	XYZ:6000 mm/min
Bur capacity	6
Bur changing	Automatic
Cooling	Water cooling
Materials	Premill abutment,glass ceramic,Resin, PMMA,Zirconia
Milling time	Glass Ceramic: 17mins,PMMA: 12mins, Premill abutment:25mins,Resin: 15mins,



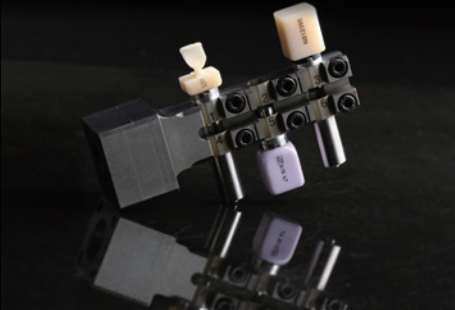
working Cabinet



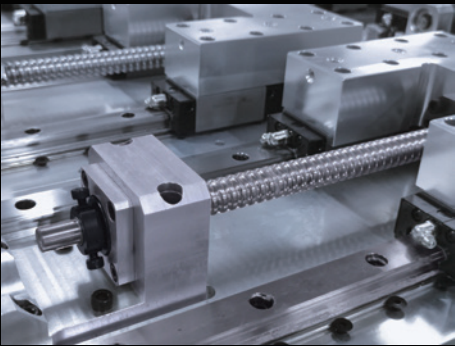
High Accuracy Spindle



Servo-motor



Multi-function Holder - Abutment
Glass-ceramic, PMMA



Screw Bar Drive

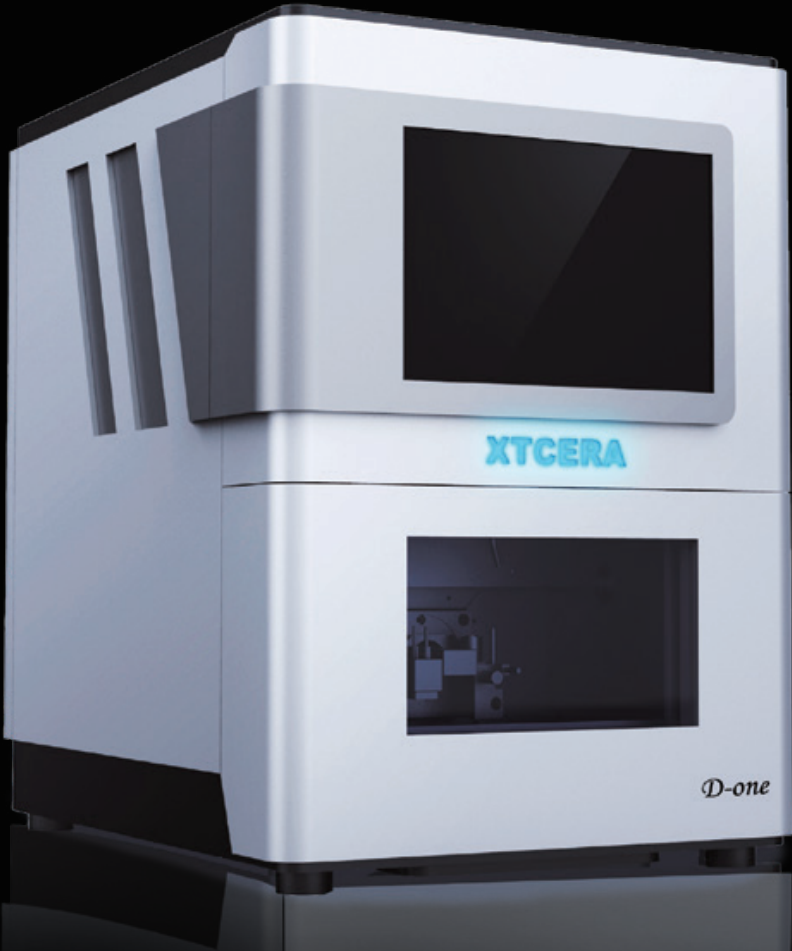


Premill Abutment

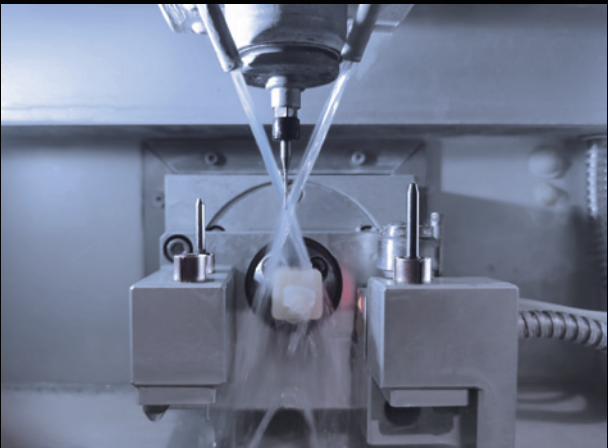
D-ONE
MILLING MACHINE

**What you see is what you get!*

- ◆ High accuracy and high speed machinability
- ◆ High Accuracy Harmonic Drive axis (A axis) of 360° Rotation.
- ◆ XTCERA CAM



Name	D-one
Dimension	700*490*610(mm)
Net weight	Approximately 80kg
Input voltage	Single phase AC 220V
Spindle power	250w
Axis quantity	4
milling range	360°
milling mode	Wet milling
Max speed	60,000 rpm
Max feeding speed	XYZ:6000 mm/min
Bur capacity	3
Bur changing	Automatic
Cooling	Natural cooling
Materials	Glass ceramic, PMMA
Milling time	Glass ceramic:25mins



High Accuracy Spindle



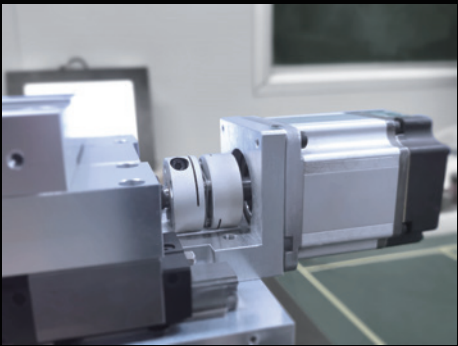
Inlay/onlay



working Cabinet



Veneer



Servo-motor



Coping&Crown

500 MILLING MACHINE

**Perfection of Performance- More Powerful
than Your Imagination*

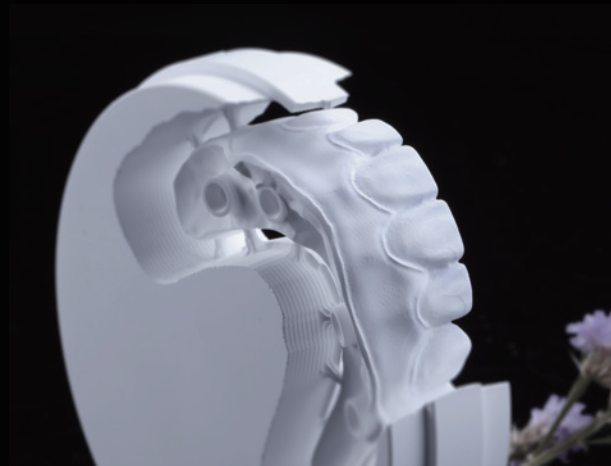
- ◆ 24×7 continuously working
- ◆ Rotation angle of A axis up to ±35°
- ◆ Able to mill Implant Bar and Bridge(Optional)
- ◆ High Accuracy
- ◆ Wider range of applications
- ◆ Fast milling of hard materials (PEEK and PMMA)



Name	500 Milling Machine
Dimension	820×750×720(mm)
Net weight	Approximately 170kg
Input voltage	Single phase AC 220V
Spindle power	1.8kw
Axis quantity	5
milling range	XYZ:220/160/120mm A:±35 B:360°
milling mode	Dry milling
Max speed	60,000 rpm
Max feeding speed	XYZ:6000 mm/min
Bur capacity	8
Bur changing	Automatic
Cooling	Water cooling
Materials	Type:Zirconia,Wax,PMMA,soft-metal
Milling time	Zirconia:8mins,Wax:3mins



90° facial milling



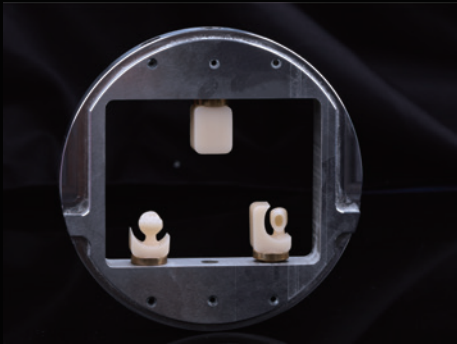
Open holder



Auto-calibration



PMMA full denture



Resin block adaptor



Denture base

600
MILLING MACHINE

**ALL IN ONE*

- ◆ 5 axes simultaneous milling with B axis rotation range up to $\pm 40^{\circ}$
- ◆ Massive iron cast for better stability
- ◆ Spindle with 2.7kW of power
- ◆ 1 microns repetition accuracy
- ◆ Automatic tool changer for 16 tools
- ◆ Unrivaled milling results of abutment, implant bar and implant bridge



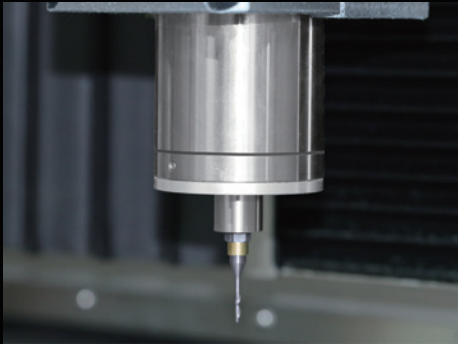
Name	600 Industrial Milling center
Dimension	1110X820X1820(mm)
Net weight	Approximately 850kg
Input voltage	Single phase AC 220V
Spindle power	2.7kw
Axis quantity	5
milling range	XYZ:320/130/150mm A:360° B:±40°
milling mode	Wet milling
Max speed	60,000rpm
Max feeding speed	XYZ:6000mm/min
Bur capacity	16
Bur changing	Automatic
Cooling	Water cooling
Materials	CoCr/NEM,titanium,PMMA,wax, glass ceramics,hybrid ceramics
Milling time	Crown:30min abutment:50min.bar:2h



working Cabinet



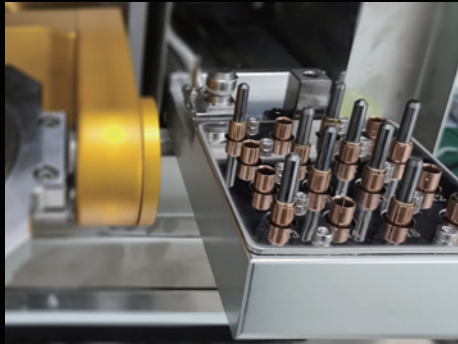
Implant-bridge



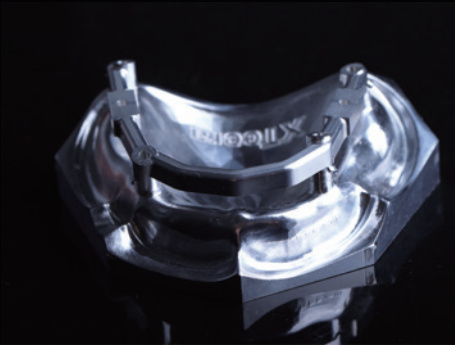
High Accuracy Spindle



Customized abutment



16 tools



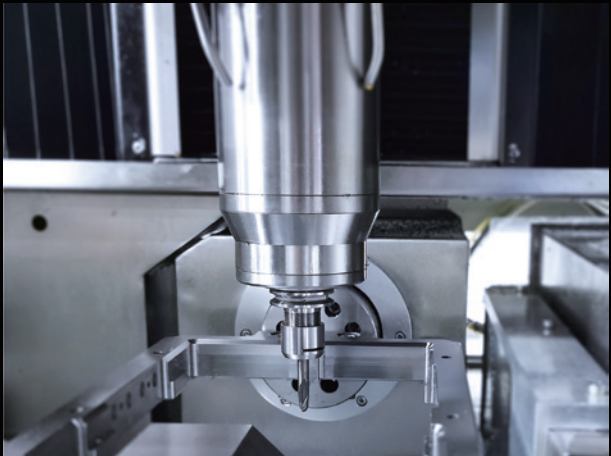
Implant-bar

600S
MILLING MACHINE

- ◆ 4 axes simultaneous milling with B Axis rotate by 360°
- ◆ With Gantry structure and Cast Iron body, excellent stability
- ◆ 4kw High Accuracy Milling Spindle
- ◆ 1micrometer Repetition Accuracy
- ◆ ATC 8 Burs (Automatic Tool Change)
- ◆ Unrivaled milling results on Metal crown and Frame-work



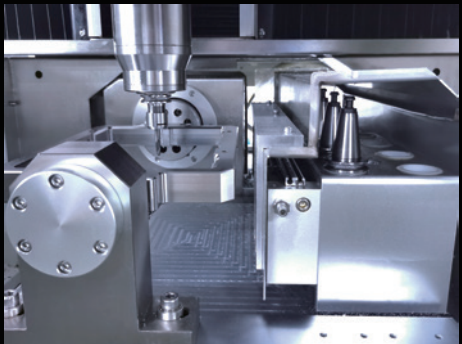
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milling mode	Dry milling
Max speed	36.000 rpm
Max feeding speed	6000 mm/min
Bur capacity	3
Bur changing	Automatic
Cooling	Water cooling
Materials	Zirconia,Wax,PMMA
Milling time	Zirconia:8mins,Wax:3mins



working Cabinet



Denture frame work



Industry powerful spindle



Crown



Material holder



Titanium plate

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