stomdevice PLUS
DENTAL
DENTAL CAD CAM SYSTEM

WHAT YOU WERE LOOKING FOR



CAD/CAM MILLING MACHINE
DENTAL PLUS ATLAS BX4

надежный поставщик стоматологического оборудования
stomdevice

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ATLAS BX4

DENTAL PLUS
CADCAM MILLING MACHINE

Full Auto Calibration

Custom abutments milling

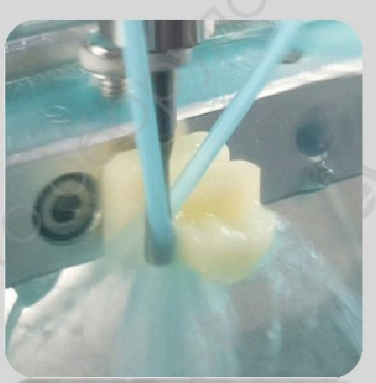
Glass Ceramic milling

Touch screen





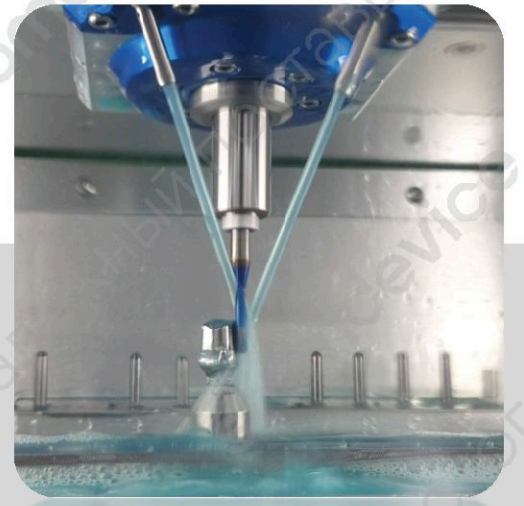






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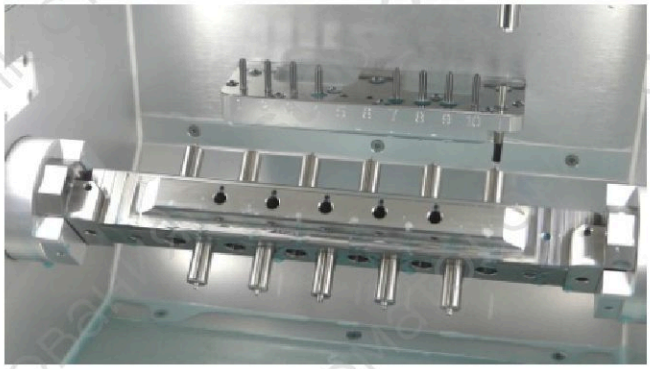




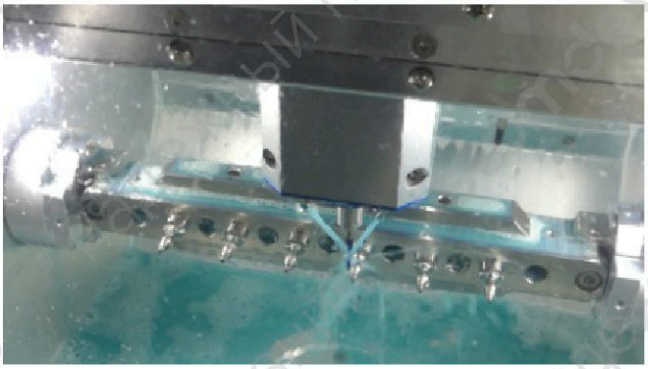
Custom Abutments Milling

- Optimized machine for custom abutments milling
- Installed a jig for 11 premilled for custom abutments milling
- High productivity due to milling 11 custom abutments fast and precisely
- Providing accurate concentricity with auto-calibration

11 Positions



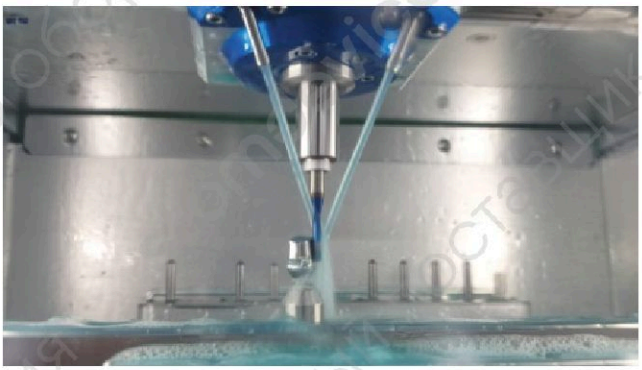
11 Simultaneous Milling



11 Precise Concentricity



Occlusal Surface Machining



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Special Reverse Jig

- Variety of reverse jigs from many implant companies
- Maintain high strength and high precision consistently by using special Jig.
- Possible to be equipped with 11 reverse Jigs
- No need to cut connectors by your hands after milling

What is reverse Jig?

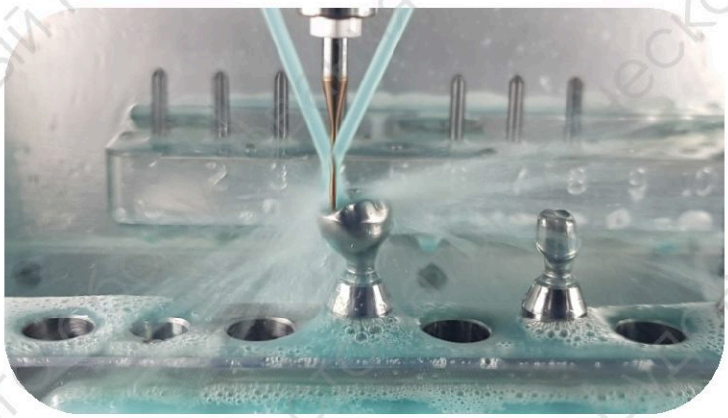


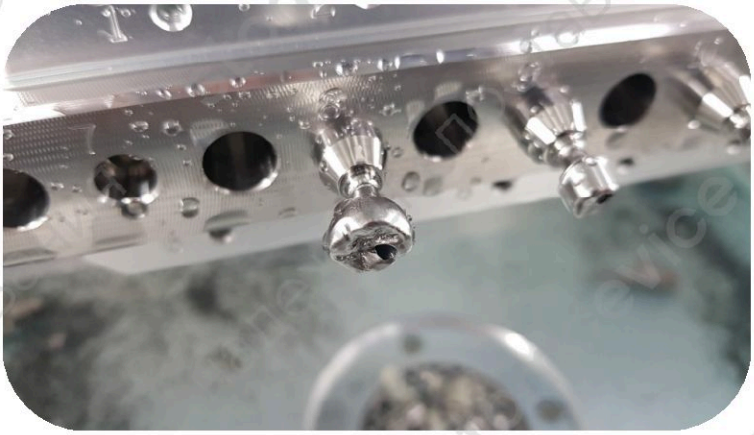




Possible detailed groove representation by vertical milling

One-day milling for everyone's desire



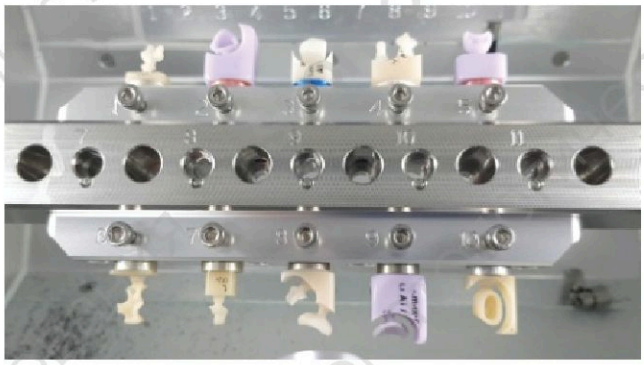




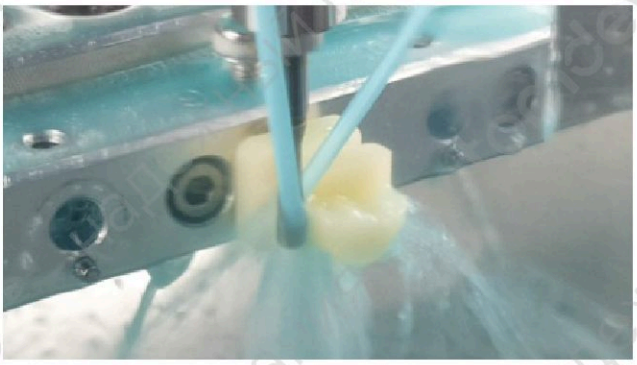
Special Reverse Jig

- Milling existing ceramic affiliate blocks such as glass ceramic, resin ceramic, lithium desilicate and etc.
- Possible to mount 10 blocks and mill them simultaneously
- High productivity due to milling 10 blocks fast and precisely
- Providing precise occlusal surface height through auto-calibration

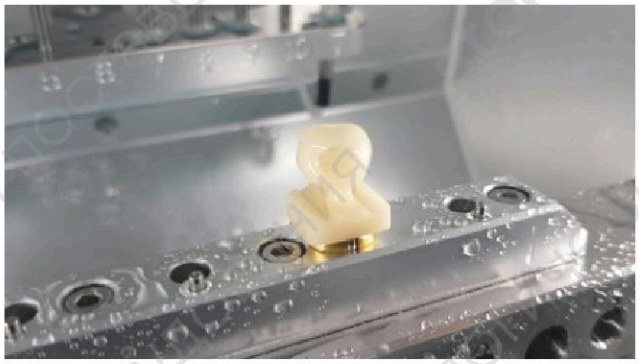
10 Positions



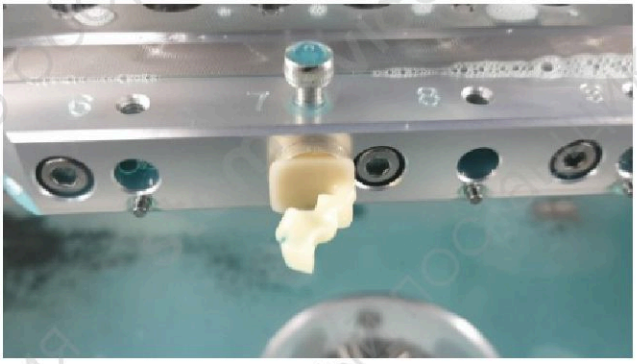
10 Simultaneous Milling



Accurate Results



Undercut Milling



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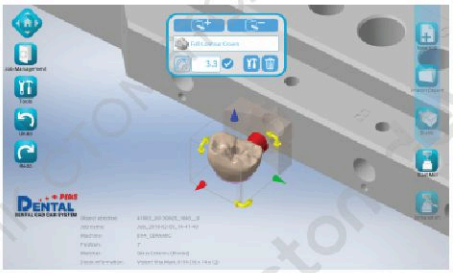


Truly, one-day milling everybody wants for

Users can get accurate results fast and easily with BX4 system.



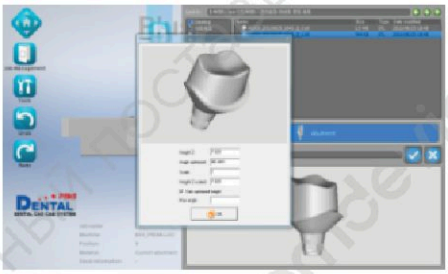
Crown

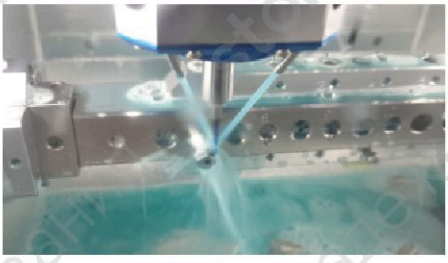






Custom Abutment

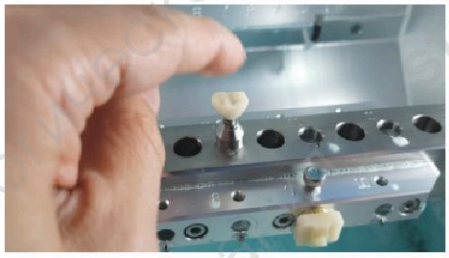






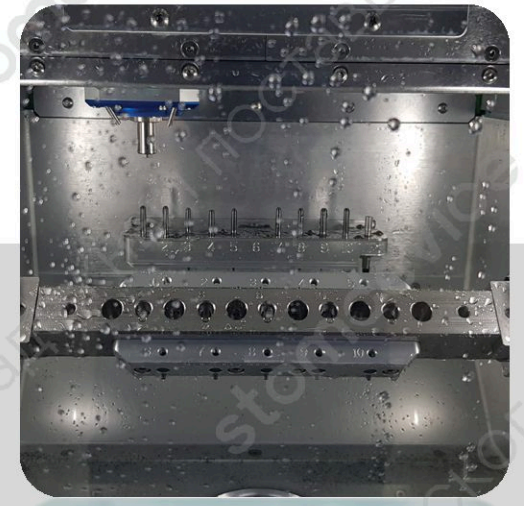
Easy & Fast Results







ATLAS BX4



Full Auto-Calibration

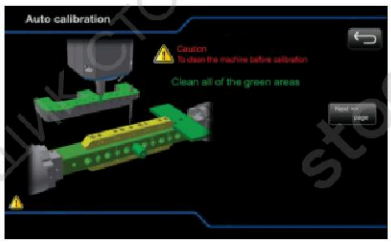
Providing perfect and full auto-calibration

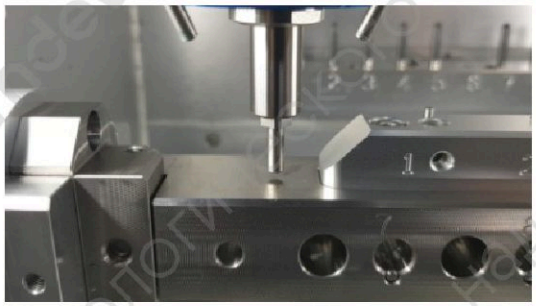
Making best results by measuring the milling object position of the milling result and inputting it to the machine automatically

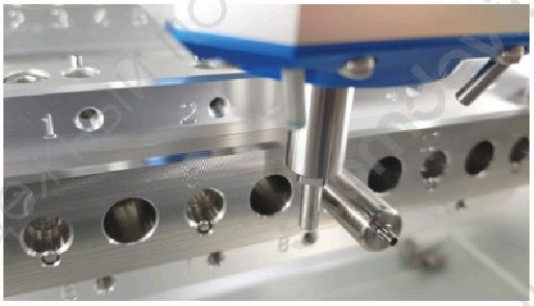
Easy to do auto-calibration for anyone through calibration wizard



Auto-Calibration



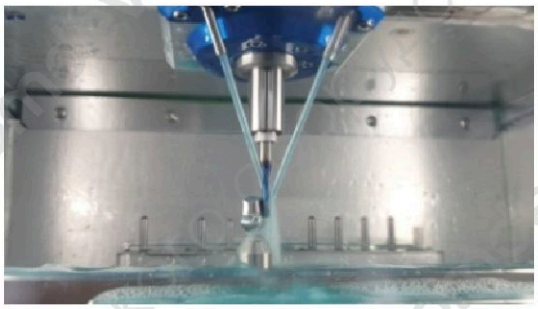




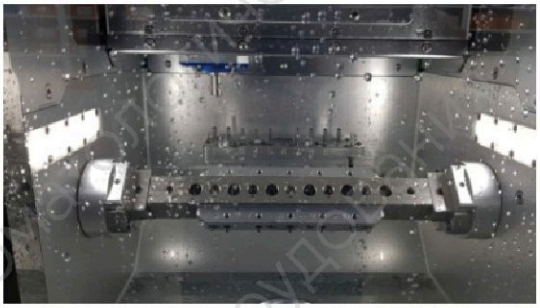
10 Tool Pockets



Two Nozzles



Perfect Waterproof



Drainage System and Circulation





Easy Interface

- Providing intuitive interface in order for anyone to operate the machine easily
- Easy to do auto-calibration through calibration wizard
- Making accurate milling results by recognizing the milling position automatically

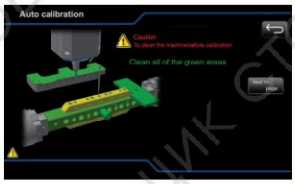
Setup Screen

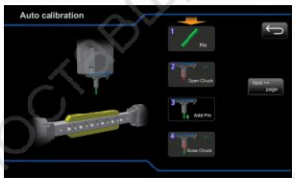


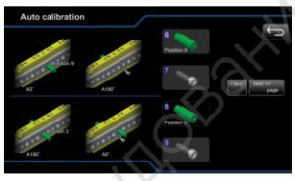
Main Screen

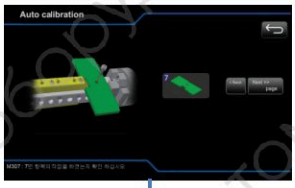


Auto-Calibration



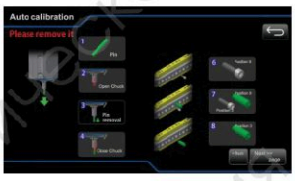






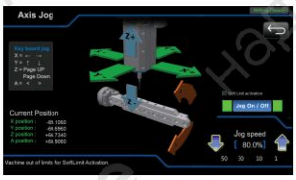








Manual Operation



Sensor Status Check



Online Support



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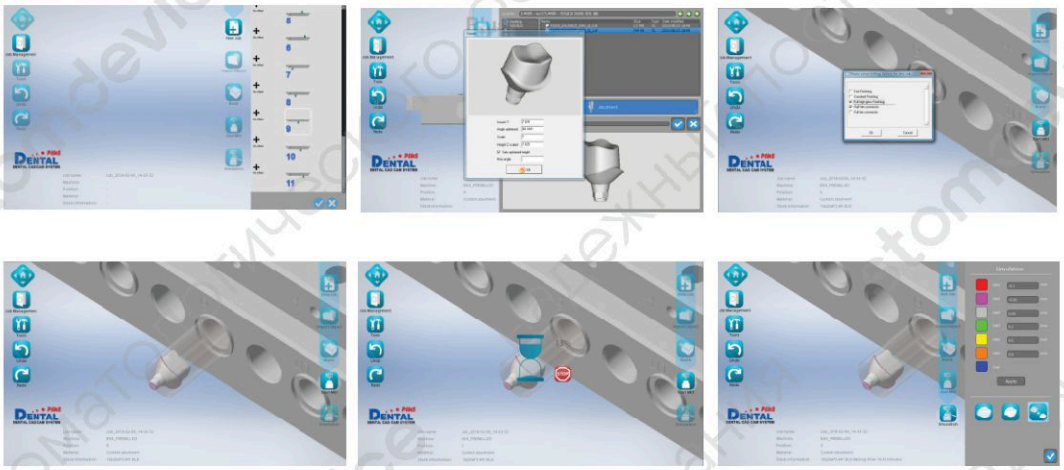
Easy CAM Software

Inlay, onlay, veneer, crown, custom abutment

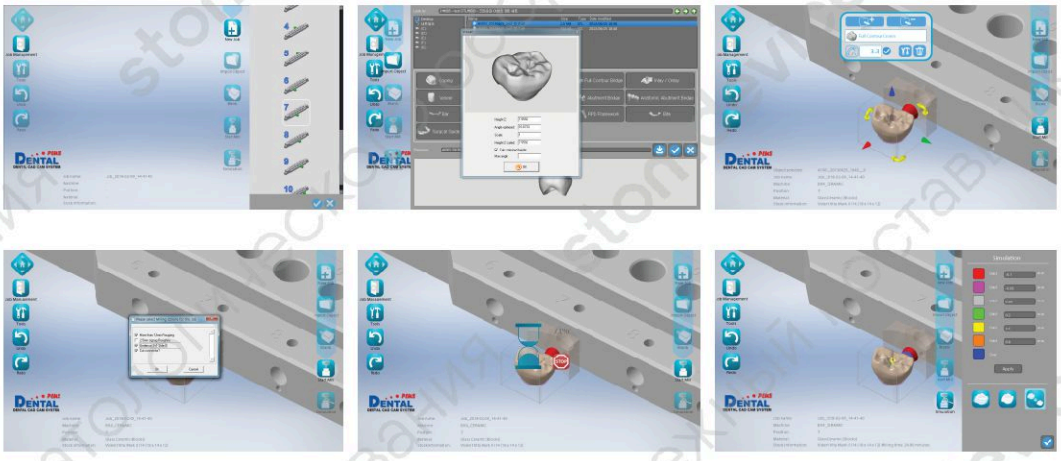


CAM software is included and the optimized milling template is provided with BX4.

Custom Abutment



Crown
Inlay / Onlay



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DENTAL PLUS
CADCAM MILLING MACHINE



Easy CAM Software

Possible of simple cleaning the milling results on the door

The door side is done for waterproof and stagnant liquid will go into the cutting oil tank when closing the door.



Built-in coolant tank and filter

Built-in cutting oil tank and a easy-to-clean filter for milling chips

K($W)&)

[NC Data Transmission method]

- LAN
- USB Wireless LAN (Wi-Fi)
- USB Memory



[Online technical support method]

- LAN
- USB Wireless LAN (Wi-Fi)

Online technical support is possible by checking and controlling the machine through the internet.

OPEN System

Compatible with all scanners and design program

Scanner



3shape

exocad

dental wings

Design program



CAM



Milling



BX4 is compatible with all dental scanners and CAD software as it is an open system.

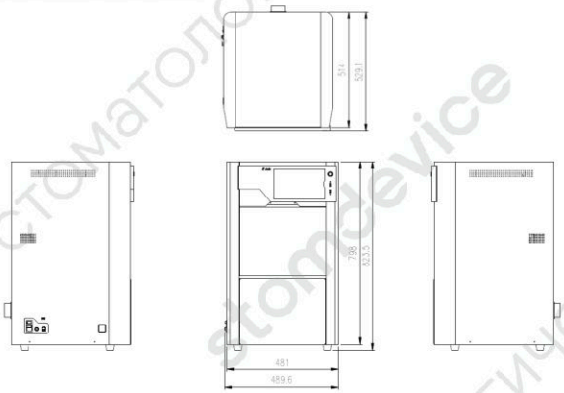
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ATLAS BX4

DENTAL PLUS
CADCAM MILLING MACHINE

- Full auto-calibration
- Touch screen
- Built-in industrial computer
- Built-in coolant oil tank
- Built-in filter
- 10 tool pockets
- 11 custom abutment positions
- 10 ceramic block positions
- 3ea USB ports (wireless LAN available)
- 1ea LAN connector
- Air regulator
- Air separator
- Digital air pressure gauge
- One-Touch Machine On/Off System





Specification

Specification	Value	Unit
Dimensions (W x D x H)	481 x 529 x 823.5	mm
Weight	75kg	kg
Number of axes	4 axes	-
Type of drive	High Torque Step Motor	-
Guide and screw	X axis : LM guide and ball screw Y axis : LM guide and two ball screws Z axis : LM guide and ball screw	
Moving Range	X axis : 178mm Y axis : 185mm Z axis : 88mm A axis : 360 (Free rotation)	mm mm mm degrees
Spindle	500W High frequency	
Coolant tank capacity	8	liter
Cover / Door	Hood hinged to open downwards	
Required air pressure	5.5 - 8 (continuously applied)	bar
Required air volume	50 ~ 80	L/min
Operating temperature	20 ~ 35	

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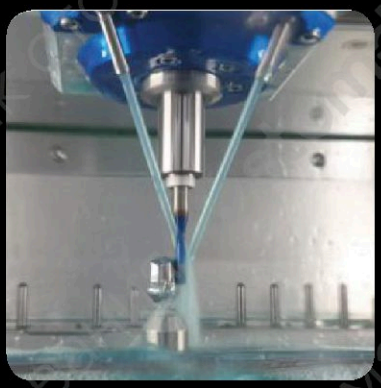
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CAD/CAM MILLING MACHINE









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