

# YRC-9PRO

5-Axis Multi-Disc milling machine

Smart Production, Less Work, More Yield!

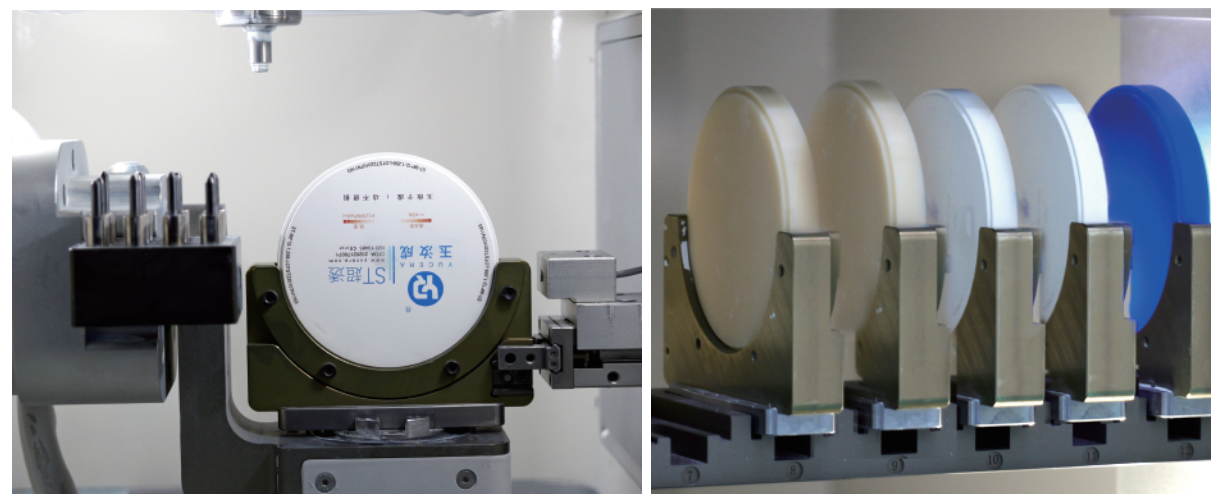


## YRC-9PRO

### Highlights

#### 1.Unattended operation

Subverting traditional processing, Intelligent disc changing-processing-monitoring, Remote Control, 24hours full load operation, Increased efficiency by 200%!



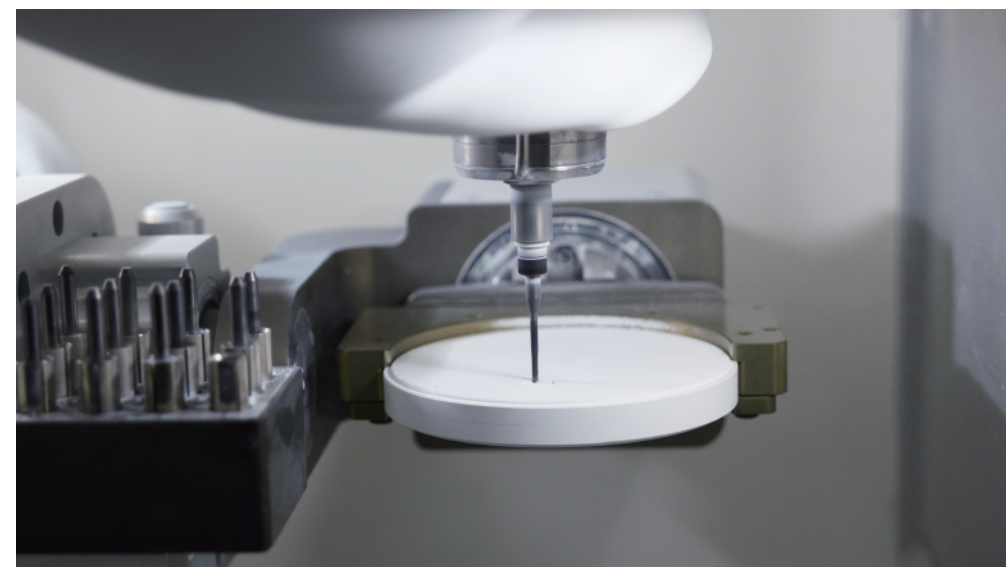
#### 2.More precise milling effect

It can work on crown, bridge,coping,veneer, inlay, onlay, large-angle implants, abutment and other dental restoration case.



#### 3.Resume when interrupted

In case of an unexpected situation, processing can be automatically resumed from the last interrupted step, avoiding duplication of work and improving processing efficiency.



#### 4.Auto calibration

Adopt the latest generation of servo drive (imported chip+mechanical encoder solution), Bulit-in Auto calibration module, PNP OS Installed.

#### 5.Cast aluminum enclosure, more stabiliztion

Integrated cast aluminum shell, Higher industrial level, Ensure that the running accuracy is long-lasting and stable.



## YRC-9PRO

### More advantages More competitive



#### More savings in production costs

- 18discs,Advanced auto switching system
- 12 Auto Tool Changer
- Remote monitoring system

#### Higher precision

- Adopt the latest generation of servo drive (imported chip + mechanical encoder solution)
- Five-axis linkage

#### More stable

- RFID identification system, Auto disc identification and Grasp accurately
- Silicone dust protection has absolute advantages
- Integrated cast aluminum shell ,Higher industrial level, Ensure that the running accuracy is long-lasting and stable

#### After-sales

- 14-month warranty for core components (Non-human damage)
- Professional after-sales team 24 hours service



DETAILS!  
100% UNDERSTANDING OF THE YRC-9PRO

✔ Working status indicator light

Always know the machine operation status

✔ Automatic tool magazine

12 tools  
φ 4mm

✔ Milling room

High rigidity,  
anti-impact and no deformation

✔ Simple Appearance

12.1-inch touch screen

✔ Discs viewing window

High-definition viewing window for all-round monitoring

✔ Automatic Tray Silo

18-slot

\*Product parameters and software functions may be adjusted due to technical upgrades or version iterations, the actual performance of the delivery version shall prevail.

YRC-9PRO

Machinable materials

Zirconia block	PEEK	Wax	PMMA
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Applications

Coping	Crown	Bridge	Inlay	Bracket	Custom Abutments
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Holder Types



- Standard C-CLAMP**
- Suitable for discs materials of φ98mm,
  - 5 Axis Milling
  - B-axis rotation angles up to -95° +30°
  - Maximum material thickness 35mm

Milling Burs

Specification

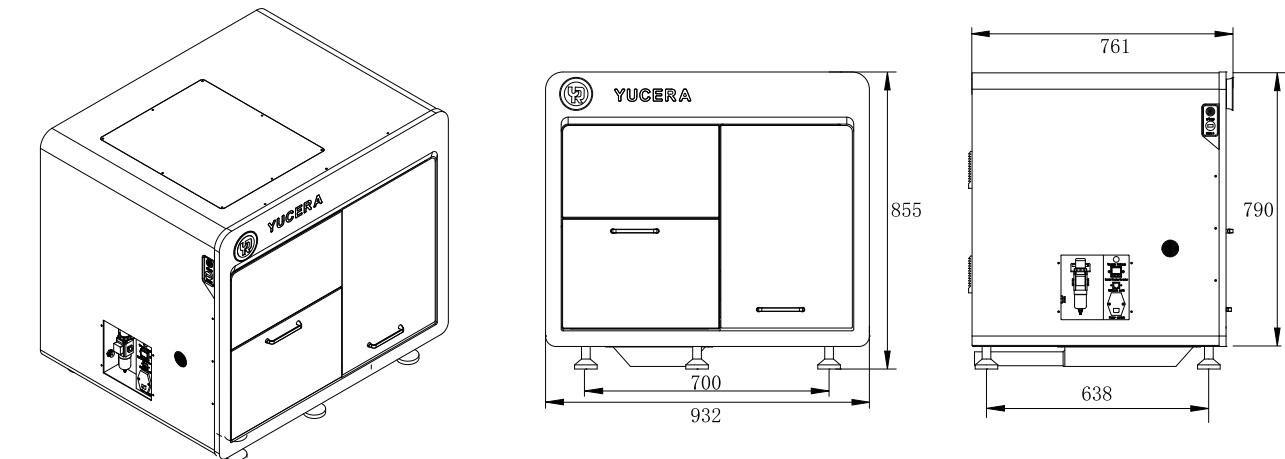
T1 D2.0/4.0mm For roughing of zirconia	T2 D1.0/4.0mm For finishing Rest Matrial of zirconia	T3 D0.6/4.0mm For finishing of zirconia	T4 D1.5 FLAT/4.0mm For screw rouhing Finshing of zirconia and PMMA
T5 D2.0/4.0mm For roughing of PMMA	T6 D1.0/4.0mm For finishing Rest Matrial of PMMA	T7 D0.6/4.0mm For finishing of PMMA	

Remarks:  
T1 ~ T7 are standard tools  
T8 ~ T12 are optional special tools, e.g. φ0.3 ball cutter / T-head cutter / lollipop cutter, etc., used for higher requirements or angle planting hole machining.

Specification

Basic parameters	
Number of axes	5
Processing method	Dry milling
Millable material	Zirconia block, PMMA, PEEK, WAX
Applications	Coping, Crown, Bridge, Inlay, Custom Abutments, Bracket, etc.
Total Power	220V/1.8kW
Dimension	932*730*855mm
Weight	260kg
Required air pressure	4.5-7.5bar
Power supply	220-230V AC, 50/60HZ
Compressed air flow	About 120L/min
Drive	Full closed-loop control servo motor
Structure parameters	
X-axis working stroke	175mm
Y-axis working stroke	150mm
Z-axis working stroke	90mm
Rotary axis A-axis	-95°~+30°
Rotary axis B-axis	360°
Tool	Number:12 Diameter:4mm
Spindle	
Speed	0~30,000 rpm
Power	500W
Cooling method	Air Cooling
Holder Types	
Holder Types	Standard C-CLAMP
Automatic Tray Silo	18-slot

YRC-9PRO Outline Dimensions(mm)



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Shenzhen Yurucheng Dental Materials Co.,Ltd.

Tel: 400-995-8505 Email : info@yucera.com  
Add: No. 35, Zhuqing Road, Shijing Community, Shijing Street, Pingshan District,Shenzhen, China

