



Digital technology improves life

# P53DC

Why not work less, mill more  
and live more?

## 5-Axis Dental Mill with Automatic Disc Changer

Unattended automatic milling 24 hours,  
guarantee a worry-free production



[www.stomshop.pro](http://www.stomshop.pro)



## 90° Vertical Milling

The 90° milling for easy anterior incisal embrasure milling so that the P53DC is able to deliver the perfect results.



## Automatic Calibration

The most convenient and smart control system among the dental milling machines



## C-Clamp Adapter

The new C-Clamp adapter improves the utilization of materials at the edges. Material is saved and 100% of its potential is realized.



## Automatic Disc Changer

Disc Capacity - the P53DC features a large disc capacity, which is capable of accommodating 12 different discs and multiple shades of zirconia, and replacing the zirconia disc as ordered.



## Automatic Tool Changer

With 11 library Automatic Tool Changer, it offers continuous milling of different materials for stable milling



## Remote Control

Simple setting to activate the intelligent 24-hour non-stop automatic milling

# P53DC 5-Axis

Dental Mill With Automatic Disc Changer

P53DC 5-Axis Dental Mill With Automatic Disc Changer improves lab productivity and profits. A 24-hour unattended operation ensures worry-free production. Comparing the new system with traditional workflows, the new system offers more flexibility and efficiency for an easier, more cost-effective workflow.

## 90° Vertical Milling

WHAT IS THE 90° MILLING & DESIGN?

Ensuring superior results when milling interproximal areas, anterior teeth, and gingival lines





## ▶▶ Resume When Interrupted

Dental laboratories have entered the intelligent era, automatically continuing milling from the last interrupted step, avoiding repeated work and improving efficiency



## ▶ UPCNC Software for Intelligent Tool Control

Real-time Milling Burs Life Monitoring--P53DC is able to realize automatic calculation of tools lifetime, reasonable planning of tools life cycle, and reduce the risk of zirconia breakage and milling failure with UPCNC



### YOUR SATISFACTION IS OUR PERSUIT

All products are tested inhouse by professional QC team before delivery

### Professional Technical Support

24-hour online technical support and service to meet your needs

### WARRANTY PERIOD

One year for hardware, everlasting for software

### AFTER-SALES GUARANTEE

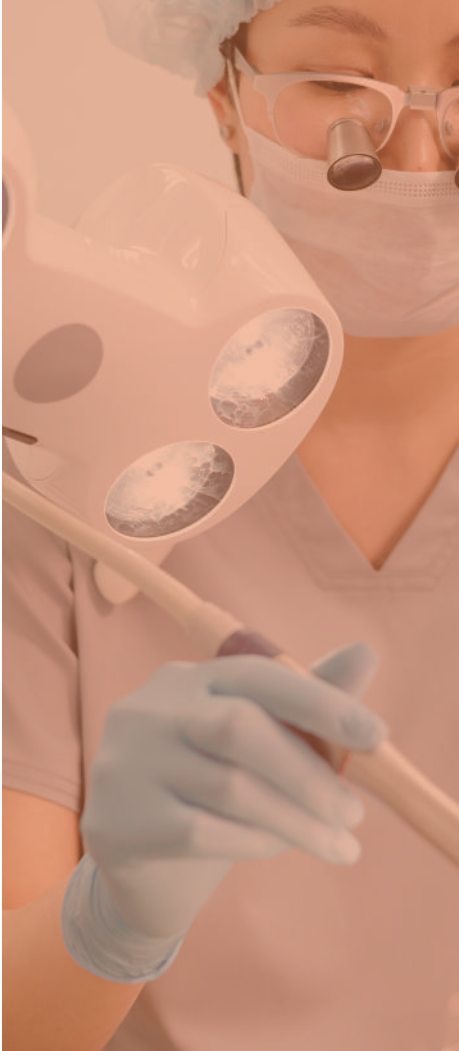
No annual fee for software, and professional technical team do the excellent service

# Parameters

## UP3D 5-Axis Mill Machine



Model	P53 DC
Dimension	720×875×630mm
Weight	130kg
Input voltage	AC 200~240V 50~60Hz
Maximum power	1.1KW
Spindle power	0.35KW at max
Axis quantity	5-axis simultaneous motion
Milling range	X/Y/Z:167/206/104mm A:±30° B:±360°
Milling mode	Dry milling
Max rotation speed	60,000rpm
Max feed rate	3000mm/min
Tools quantity	11
Disc library quantity	12
Tools changing method	Automatic (Air pressure >0.5MPa)
Spindle cooling	Air cooling with compression air , air flow>50L/min
Milling materials	Zirconia, Wax, PMMA, PEEK and soft materials
Milling time	Coping : Zirconia-10min Wax- 4.5min Crown : Zirconia-13min Wax-5.5min
Tools diameter	2 + 1 + 0.6+0.3 (Φ4 calibration bur)
Disc specification	Round disc with Φ98, 30mm max for thickness
Spindle clamping diameter	Φ4.0mm
CAM supported	UPCAM and Millbox
Data transmission	Network interface



UP3D is a high tech company and the few companies in the world that are capable of developing a full dental CAD/CAM solution including software and hardware, from scanning, designing, to milling.

UP3D remains dedicated to our customers' requirements for training and support as well as for innovative, high-quality products that perform reliably. We have native technical support to deal with any after-sales problems to ensure that you can use our products happily.

## CONTACT US

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