



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





90° Vertical Milling

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



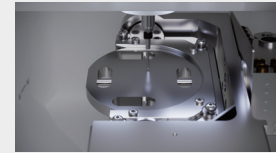
Automatic Calibration

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 active intelligent 24-hour 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?

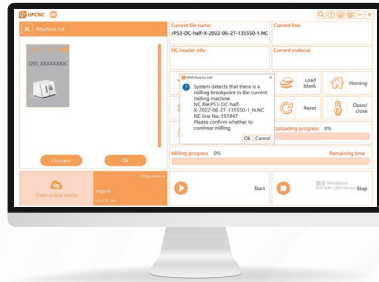
Ensuring superior results when milling interproximal areas, anterior teeth, and gingival lines





▶▶ 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 PURSUIT

quality assurance lab testing all products before delivery.

WARRANTY PERIOD

one year for hardware, everlasting for software

Professional technical support

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

AFTER-SALES GURANTEEE

no annual fee for software, and professional technical team do the excellent services.

Parameters

UP3D 5-Axis Mill Machine



Model	P53 DC
Dimension	720*875*630mm
Weight	130kg
Air consumption	Cooling air pressure: > 0.5Mpa Cooling air consumption: 40L/min
Axis	5 axis
Blanks library	12
Tools library	11
Power supply	Maximum total power: 220V/1.2KW, compatible with 110V/1.2KW
Temperature	Ambient temperature range +15°C~+40°C [Pre-heating for one hour if below 0 degree]
Vacuum	Air volume of 1200m ³ /h, 1.5KW
Key parameters	Spindle power: 750W, max rotation speed: 60,000rpm
Milling range	A: -35~30 B: ±360° Z: -47~50
Milling material type	Round disk, block (optional jig) max 30mm thickness for round disk
Compatible CAM software	UPCAM, Millbox
Transmission method	Network cable
Milling materials	Zirconia, wax, PMMA, composite resin, PEEK, Cocr (soft metal)




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 for you to ensure that you can use our products happily.

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