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# PS²

## Smart dental milling machine

**It's more than a mill, a partner!**




надежный поставщик стоматологического оборудования stomdevice

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# PS² Smart dental 5-axis milling machine

## Independent R&D

All hardware and software are developed by Up3d. Intelligent control system perfectly merged with one-piece framework structure.

## Resume

Automatically continue milling from the last interrupted step, avoiding repeated work and improving work efficiency by 80%.

Integrate with vacuum and control it automatically.

Tools life time indicator.




## Applications

Crown, bridge, coping, implant, full denture and other restoration cases.
Support kinds of soft materials, Zirconia, wax, PEEK, PMMA, etc.



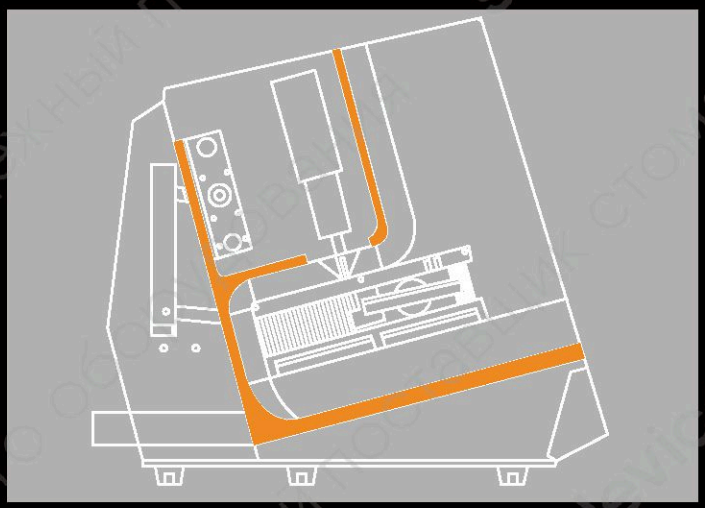
## Auto-Calibration

No need to do calibration manually and save time.
A single click will achieve auto-calibration.



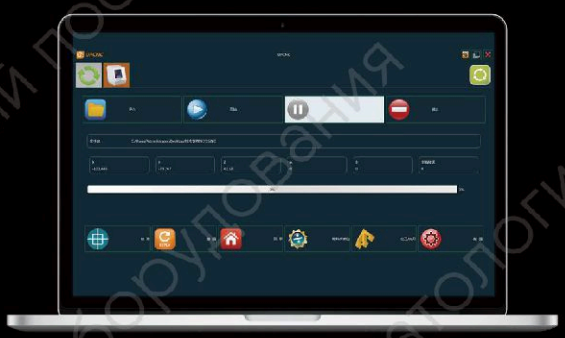
## One-piece framework

Durable and stable in use, good dust proof.



## UPCNC software

One interface for multi-mills,
easy to operate and a single click milling.



## UPCAM software

UPCAM is a dental CAM software
which is developed by
UP3D and ModuleWorks from
Germany, and supports all types of
dental restoration processing.



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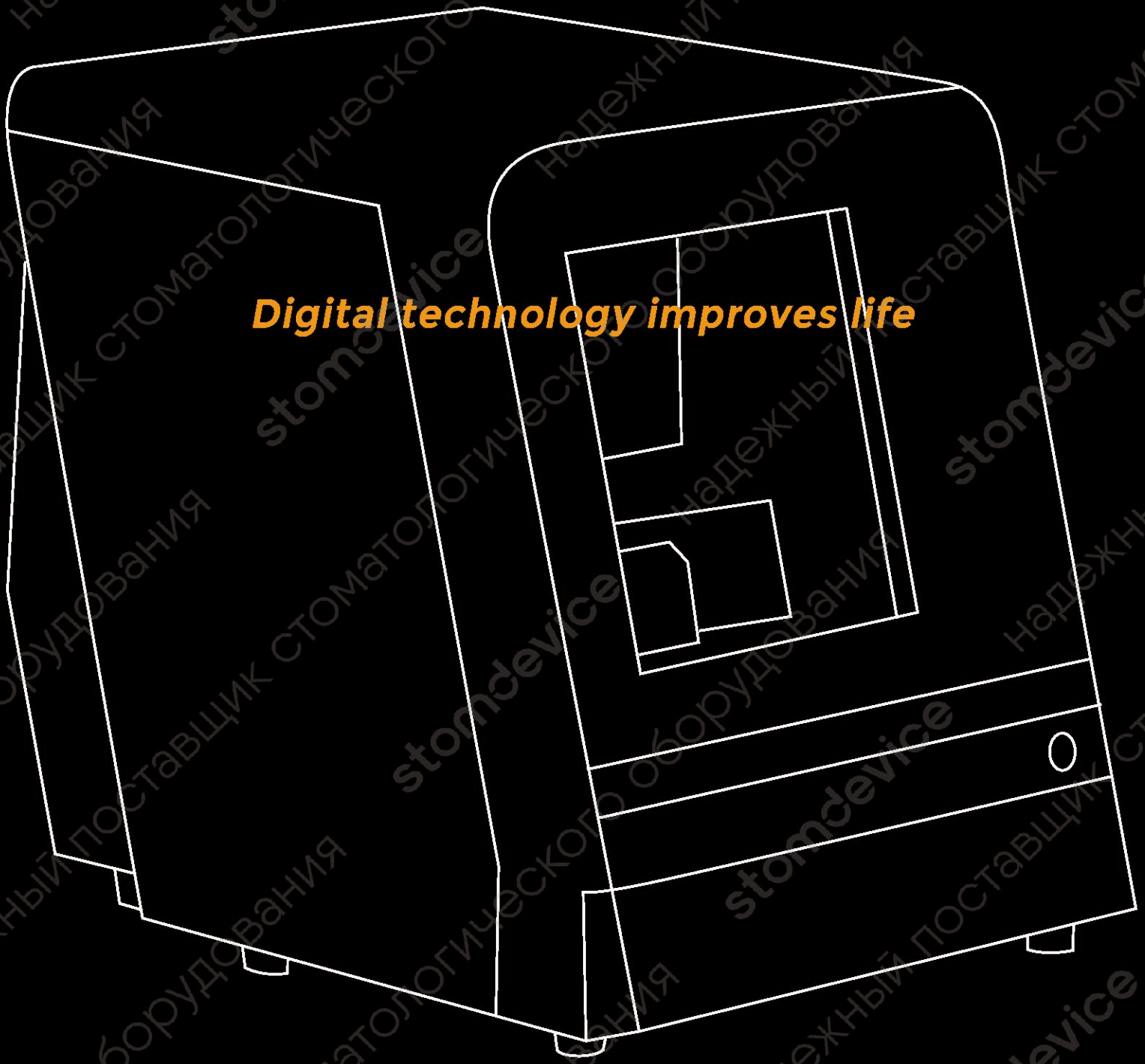



# P5²

## Smart dental
## 5-axis milling machine

| | |
|---|---|
| Model | P52 |
| Dimension | 620×430×560 (mm) |
| Weight | 79Kg |
| Input voltage | AC 100~235V、50~60Hz |
| Max power | 0.8KW |
| Spindle power | 0.52KW (max) |
| Axis | 5-axis simultaneous motion |
| Milling range | X/Y/Z:165/135/70mm A:±30° B:360° |
| Milling mode | Dry milling |
| Max rotate speed | 40,000~60,000rpm |
| Max feed rate | 3000mm/min |
| Tools library | 11 |
| Tools changing | Automatic (Air pressure >0.5MPa) |
| Spindle cooling | Air compression (Air pressure 0.25~0.35MPa) |
| 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 (Φ4) |

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*Digital technology improves life*

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UP3D is a high tech company headquartered in Shenzhen since 2013.

As one of the only few companies in the world that are capable of developing a full dental CAD/CAM solution including software and hardwares.

We are committed to provide our worldwide customers with high quality dental CAD/CAM products to benefit from the digital dental revolution.

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