



Ai137DW

Supercharge your lab or practice with the versatility of the new Versamill **Ai137DW**. This workhorse can mill virtually any dental material while providing the thinnest of margins—without chipping.

Featuring pioneering dental technology that includes the world’s first AI-powered dental milling machine. This innovative solution combines cutting-edge artificial intelligence with precision engineering to revolutionize the field of dental prosthetics. The Versamill **Ai137DW** is testament to our commitment to enhancing dental care through advanced technology, making the process of creating dental restorations faster, more accurate, and more accessible than ever before.



FLEXIBILITY TO MEET THE DEMANDS OF TODAY AND TOMORROW

Process virtually all current and future dental materials, including: PMMA, Zirconia, PEEK, Pekkton, Composites Glass-Ceramic, Hybrid-Ceramic, Sintered Metal, Ti & CoCr PreMill Abutments, Resins, Titanium, Cobalt-Chrome, and More.

Block thickness up to 40mm.

INDICATIONS



INTUITIVE USER INTERFACE

The **Ai137DW's** user interface is designed to be intuitive for the user to understand and easy to use.

The user-friendly design not only allows novice users to easily operate it, but also facilitates smooth interaction between the equipment and the user.



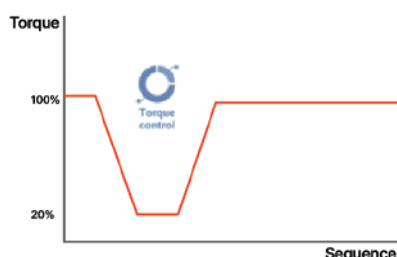
THE FIRST AI dental milling machine

AI Calibration, the industry's first, is the key feature that enables the Versamill Ai137DW to offer consistent, high-quality machining results.

AI Calibration accurately identifies various machining conditions, including jig installation, and applies them to the vector coordinate system. This unique system can detect subtle changes that are difficult to recognize, such as those occurring during the jig attachment process, ensuring consistent machining precision in all situations.



SAFE MODE



The intelligent torque control system of the Versamill Ai137DW applied for the first time in the dental industry, features 20% reduction in routine operation and in adverse conditions

AI Calibration accurately identifies various machining conditions, including jig installation, and applies them to the vector coordinate system. This unique system can detect subtle changes that are difficult to recognize, such as those occurring during the jig attachment process, ensuring consistent machining precision in all situations.



Superior dynamic motion and positional accuracy thanks to large-diameter C5 class precision ball screws, anti-backlash ball nuts and linear guides with closed loop servo drives.



Superior rotary motion and positional accuracy thanks to the use of harmonic drives that produce faster, smoother, more accurate positioning-with higher torque and no backlash.



STANDARD JIGS

- (1)-98.5mm C-Clamp Jig
- (1)-10-slot Premill Jig
- (1)-10-slot Block Jig

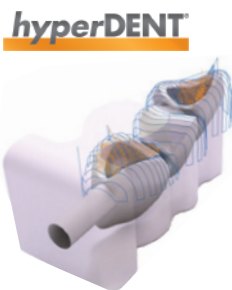
Produce superior abutments with AI calibration, harmonic rotary drives, fully closed-loop servo drives, industry leading .5µm control resolution, and Axsys expert machining templates.



CAM SOFTWARE: PROVEN & FULL-FEATURED

The Versamill Ai137DW is powered by hyperDENT CAM software from FOLLOW-ME! Technology Group.

This software product incorporates efficient, proven milling cycles to provide maximum process stability and indication quality, including patent-protected milling strategies used for complex materials that, coupled with our expert, high efficiency machining templates, ensure perfect surface quality while minimizing cycle time and maximizing tool life.



OPTIONAL MODULES

Full Denture, Hybrid, Implant, Multi Import & Nesting, Implant Template Generator Bar/Bridge, Expert, Expanded Import

Versamill Ai137DW Specifications*

Number of axes:		5 simultaneous
Travel (x, y, z axis):	(mm)	200 x 256 x 130
B Rotational axis:	(degrees)	±35 °
Processing:		Wet/Dry
Drive Mechanism:	Linear/Rotary	Ballscrew/Harmonic Drive
Way System:		LM Linear Guide
Air Requirement:	(bar)	6.5 bar
Spindle Power:	(watts)	DC 1.37kW max
Spindle Speed:	(rpm)	6,000 - 60,000
ATC number of tools:	6.0mm Ø	28
Axis Drive System	Full Closed-loop	400W Servo Motor
Blank disc diameter:	(mm)	98 Ø
Machine size (W x D x H):	(mm)	607x 768 x 900
Weight:	(Kg)	135Kg
Input Power	(VAC/50-60Hz)	220 /6A Single Phase

* Subject to change without notice.