

Comparison Guide

for New and Old Models

DWX-50

VS

DWX-52D

DWX-52DCi



Stylish and Reliable

Stylish design, high-quality milling

The Best Just Got Better.
What's more, it can even handle the wide range of ever-diversifying materials and uses, balancing processing quality and ease of use.
Feel its evolution from DWX-50.

Refined design made for a variety of environments

New and stylish space-saving design with improved frame stability.
Great for any environment.



Improved processing quality with ball screw drive

DWX-52D
DWX-52DCi

X, Y, and Z axes all use smooth and reliable ball screws.
High-precision milling the DWX-50 is known for with a better-quality finish.






Visually monitor the situation with LED status lights

Color coded LED lights allow the machine to communicate better with the operator to inform them what is happening with their milling jobs.

DWX-52D
DWX-52DCi



Model	 DWX-50	 DWX-52D	 DWX-52DCi
Drive	Wires	Ball Screws	Ball Screws
Status light	×	○	○

Clean and Efficient

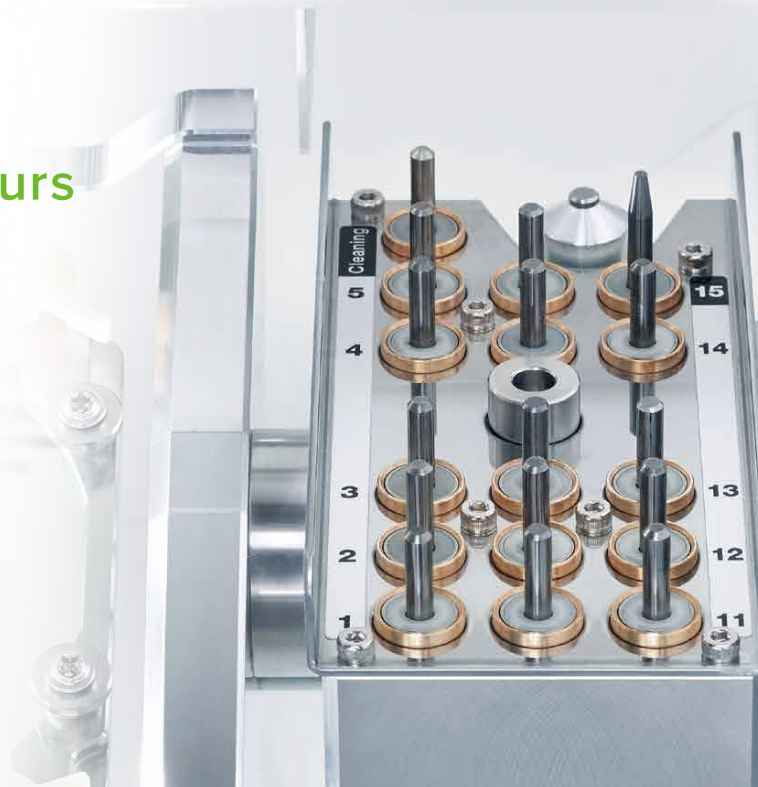
A never-ending pursuit of efficiency

New features minimize the time and effort required for milling preparation, standby, and cleaning, to help achieve smooth and continuous operation.

Handles up to 15 Milling Burs Automatically

DWX-52D
DWX-52DCi

Significantly increased Auto Tool Changer (ATC) capacity, now handling up to 15 units. Different milling bur combinations can be set for each material, allowing you to efficiently process a variety of materials completely unattended, saving you time and money.



Dramatically boosts production process efficiency with unattended/overnight operation

DWX-52DCi

Equipped with a disc changer capable of automatically changing materials. Attach up to six adapters and continuously process a variety of materials. The independent disc changer unit and processing area allow adapters to be set and replaced, even during milling, to further boost productivity and minimize downtime.



Superior dust collection efficiency and easy maintenance

DWX-52D **DWX-52DCi**

Efficient and elegant design makes it easy to clean and maintain, with an airflow structure capable of efficiently collecting dust. A built-in, advanced ionizer is a standard feature for eliminating static electricity buildup when milling certain materials, such as PMMA, to keep the milling chamber clean and manufacture high-quality prostheses.



Equipped with storage and adapter racks to keep your work environment clean

DWX-52D **DWX-52DCi**

Convenient storage that can be opened and closed during machine operation; capable of storing milling burs, wrenches, and automatic correction jigs. Also comes with a compact storage rack for disc adapters. Amazing additions for keeping your work environment neat and tidy.

Cut Automatic Calibration Time in Half

DWX-52D

Simplifies and unifies conventional magazine and rotary axis correction.




Automatic cleaning tool included

DWX-52D
DWX-52DCi

After milling, use the brush to remove the excess waste that can remain stuck to the material.



Model	 DWX-50	 DWX-52D	 DWX-52DCi
Number of ATC burs	5	15	15
Dics Changer	×	×	6
Dust Collection Area	Within Capsule	Throughout Milling Chamber	Throughout Milling Chamber
Duct Diameter	Φ32mm	Φ50mm	Φ50mm
Ionizer	×	○	○
Storage	△(Tray)	○	○
Calibratoin Time	14min	7min	15min
Cleaning Tool	×	○	○

Easy, Smart & Versatile

Labor-saving smart features

Automatic air pressure switching makes it easy to work with multiple types of materials. Manage machine performance with enhanced software features such as DWINDEX Performance Management software and Intelligent Tool Control in the included VPanel. Each of these tools are designed to increase your production efficiency to prepare your business for next-generation applications such as digital dentures.

New support for four types of materials

DWX-52D DWX-52DCi

Expanded capacity to respond to diversifying materials and applications. Now capable of milling four new types of materials.

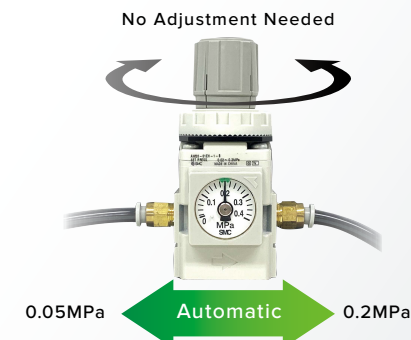
- NEW** PEEK
- NEW** Gypsum
- Zirconia
- PMMA
- NEW** Glass Fiber Reinforced Resin
- NEW** CoCr Sinter Metal
- Wax
- Composite Resin



Automatically switches air pressure

DWX-52D DWX-52DCi

Automatically switches air pressure according to material, no manual adjustment needed.



Cast Denture Base Time Reduction Kit

CA-DK1

Option



DWX-52D DWX-52DCi

An optional kit that supports denture production via CAD/CAM system. Reduces material cost and time required compared to milling PMMA discs or fabricating by hand.

CA-DK1-TR

An optional add-on to CA-DK1 kit that allows you to arrange artificial teeth in advance when manufacturing denture base material and bond them mechanically, with the bonds having the same strength as those made using traditional methods.



Cast Model Time Reduction Kit CA-MK1

Option

DWX-52D DWX-52DCi

An optional kit that supports model production from hybrid resin optical impression data. Reduces material costs and cutting time compared to using plaster discs.



CIMsystem CAM Software Maintenance






Upgrade your Cam Software to take advantage of Software and Performance Improvements.

Did you know?

- Older versions of Cam software are no longer supported on Windows 10
- Over 250 new Features have been introduced into the Cam software from 2013 to 2020
- Constant Strategy Development provides better Milling Efficiency ie: Reduced Mill Times
- All Millbox Functions and Calculations are processed faster in 2020



Model	 DWX-50	 DWX-52D	 DWX-52DCi
Cutable Material	Zirconia, Wax, PMMA, Composite Resin	Zirconia, Wax, PMMA, Composite Resin, PEEK, Gypsum, CoCr Sinter Metal, Glass Fiber Reinforced Resin	
Adapter for Pin-Type Block	○ (Option)	○	○
Automatic Air Pressure	×	○	○
Intelligent Tool Control	×	○	○
CA-MK1	×	○ (Option)	○ (Option)
CA-DK1	×	○ (Option)	○ (Option)

