

# DWX-53DC

5-Axis Dry Dental Mill with  
Automatic Disc Changer



The DGSHAPE DWX-53DC milling solution makes  
24-hour production as easy as 1, 2, 3...  
Power it on, let it go and automatically mill a full range of  
quality restorations with complete unattended confidence.

➤ **Redesigned, More Robust Spindle**  
with 3x gripping power for PMMA  
applications

➤ **4mm Roughing Tool** for 30% faster  
PMMA milling times

➤ **Enhanced Disc Changer** with 50%  
faster exchange

➤ **Fully-Integrated Web Cam** for  
real-time monitoring anywhere  
and from any device

➤ **Automated Eco-System** with  
extraction unit included

➤ **2-Year Warranty** provided by  
Roland DGA's unsurpassed service  
and support team

COMPATIBLE MATERIALS	PMMA, Zirconia, Wax, Composite Resin, PEEK, Gypsum, Glass-Fiber-Reinforced Resin, Pre-Sintered Chromium Cobalt	
SPINDLE SPEED	30,000 RPM	
ROTARY AXIS	A B	±360° ±35°
AIR PRESSURE REQUIREMENTS	0.4 Mpa	
EXTERNAL DIMENSIONS	Width, Depth, Height	23.62 in. x 29.25 in. x 32.75 in.
WEIGHT	264.55 lbs.(120 kg)	
DISC CHANGING TIME	1 minute, 7 seconds	
MATERIAL ADAPTER COMPATIBILITY	Standard Adapter: ZMA-53DC	Open-Edge Adapter: ZMA2-53DC
# OF MATERIAL ADAPTER PATTERNS	100	
ADDITIONAL FEATURES	Redesigned, more robust spindle for 3x the gripping power with PMMA applications, Built-In Integrated Webcam, Automatic Extractor Filter Cleaning, Thermohydrometer Accelerometer Sensors	
ACCESSORIES INCLUDED	Dedicated Extraction Unit and Connection Cable, Built-In Integrated Webcam, Material Adapter Disc Rack (ZR-53DC), Standard Material Adapters (6-Pack, ZMA-53DC), Open-Edge Material Adapter (ZMA2-53DC), 4.0 mm Roughing Tool (ZRB-200D), Diamond-Like Coated (DLC) Milling Tool Set (ZPB-100D, ZPD-50D, & ZPB-30D)	
ATTACHABLE BUR	Shank 4 mm (Diameter), 40-55 mm (Length)	
LOADABLE WORKPIECE	Step Section: 98.5 mm Diameter, 10mm Height; Body Section: Max Height 60 mm	

## Warranty and Support

A two-year warranty plus support from a network of dedicated dealers and certified service engineers ensures that your machine is always up-and-running. From our dedicated customer support team to a wealth of training and education, DGSHAPE by Roland cares about your customer needs before and after you purchase your device.

## 5-Axis Milling

A smooth and steady ball screw driven system provides superior milling results – simultaneously rotating and tilting discs for deep undercuts and also milling large arch restorations and other full-mouth prosthetics.

## Intelligent Tool Control (ITC)

DGSHAPE's proprietary VPanel software simplifies operation. The ITC function automatically swaps out tools that have reached their designated lifespan eliminating time-consuming production errors and interruptions.

## Automatic Pressure Control

DGSHAPE's automated regulator eliminates the need for manual air control adjustments by changing air volume based on material data via the CAM software.

## Additional Features

Microsoft Surface Pro • Option to integrate Microsoft® Surface Pro Models 7, 7+ or Go3 with i5 processor recommended for use with DWX-53DC  
Available via a Microsoft authorized reseller  
[Not included with the purchase of the DWX-53DC]