

## Peace of mind.

Roland milling machines combine unbeatable performance with legendary Roland reliability. As further proof of our unmatched reliability, Roland offers the best warranty and post-sales support in the industry. Purchasing a DWX-4W, you enjoy the benefit of certified service engineers that ensure the smooth running of your DWX-4W. Roland's international ISO certification is your quality assurance. Like all Roland products, the DWX-4W was designed and manufactured at a state-of-the-art, ISO-certified facility. Roland builds all products at its advanced digital factory one at a time, each by a single assembler with attention to detail given the highest priority.



### Roland DG Corporation

Roland DG Corporation is a leading worldwide manufacturer of precision digital devices, including wide format inkjets, milling and engraving machines, vinyl cutters, 3D scanners, 3D printers and photo impact printers. In addition, the company offers software and other components that provide professionals with complete solutions. With ownership, Roland DG customers get legendary Roland reliability and world-class service, support and training. Roland DG is ISO 14001:2004 and ISO 9001:2008 certified. The company strives to preserve environmental protection while maintaining the highest quality standards.



### Digital Factory

Roland DG's "Digital Value Engineering" (DVE) employs the latest digital technology to improve the company's business workflow processes. The Digital Factory is Roland DG's manufacturing system in which production, marketing, purchasing, service, quality control departments and supplier all collaborate on the development of a product through the common use of 3D CAD data that ensures speedy and effective production. Integral to DVE, Roland DG has replaced its conventional production lines with a digitally-controlled system entitled Digital Yatai. D Yatai is an advanced cell production system unique to Roland DG and works as follows: to complete a final product, an assembly staff member refers to a 3D graphic manual displayed on a monitor while assembling parts that are automatically released from a rotating rack. The ability to fill orders of any quantity, coupled with Yatai's ability to produce any type of device, greatly improves manufacturing quality and flexibility.



### Easy Shape

The Roland Easy Shape logo symbolizes the Company's philosophy in the dental industry. High-level products, first quality materials, and sophisticated, cutting-edge technologies combine to create the finest dental milling devices and precision results for your lab.



### Backed by Roland.

Roland dental milling machines combine superior performance with legendary reliability. Tens of thousands of Roland users in more than 133 countries rely on Roland's unmatched customer service and support. As a company, Roland DG's ISO 9001:2008 and 14001 certifications assure consistent quality in manufacturing.



### Roland DG Eco Label

Roland DG products that feature this environmental label meet the company's criteria for environmental consciousness, a set of standards based on ISO 14021 self-declaration type II. For more information, please visit [www.rolanddg.com](http://www.rolanddg.com).



### ISO 14001:2004 and ISO 9001:2008 Certified

Roland pursues both environmental protection and continuous quality improvement. Under the philosophy of preserving the environment and human health, Roland is actively working to abolish organic solvents in production, to reduce and recycle waste, to reduce power use, and to purchase recycled products. Roland constantly strives to provide the most highly reliable products available.



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Roland reserves the right to make changes in specifications, materials or accessories without notice. Your actual output may vary. For optimum output quality, periodic maintenance to critical components may be required. Please contact your Roland dealer for details. No guarantee or warranty is implied other than expressly stated. Roland shall not be liable for any incidental or consequential damages, whether foreseeable or not, caused by defects in such products. Three-dimensional shapes may be protected under copyright. All trademarks are the property of their respective owners. Roland DG Corp. has licensed the MMP technology from the TPL Group. DME 022015.

Authorized Dealer

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**EASY SHAPE**  
**Roland**  
DENTAL SOLUTION

## Roland DWX-4W. Wet dental mill.

DWX-4W is the latest in Roland technology that goes beyond dry milling to quickly and easily wet mill popular glass ceramic and composite resins with precision and reliability. The DWX-4W wet mill cuts precision crowns, bridges, inlays and onlays, and veneers. Simultaneous 4-axis milling and other special features provide unattended milling. Up to three standard pin-type blocks can be loaded for increased efficiency.



### Reliable high performance.

In addition to milling on X, Y and Z axes, the DWX-4W rotates pin-type blocks 360 degrees on a fourth axis (A axis) to support undercuts. The ball screw-driven 4-axis control allows for smooth, high-precision machining. The DWX-4W's high-performance 60,000 RPM Jaeger spindle supports precision milling of glass ceramic and composite resin. With its multi-pin clamp, the DWX-4W can mill up to three different pin-type materials continuously in one operation. As a result, prosthetics for up to three different patients can be produced in a single production run, saving time, labour and costs.



### Compatible with multiple materials.

The DWX-4W wet mill is equipped to mill pin-type blocks, including glass ceramic and composite resin – acclaimed in the industry for their superior strength and aesthetics. Materials can be finished with a short finishing time, dramatically reducing labour and production time.



### Maximum convenience.

The DWX-4W combines simultaneous 4-axis milling with simple one-button operation. A colour-coded LED light signals machine status and alerts the operator of any errors or malfunction, which helps save time and materials and enables lab technicians to carry out the milling process with confidence. In addition, the DWX-4W features an automatic tool changer for uninterrupted production process and a high-efficiency workflow.



### User friendly operation.

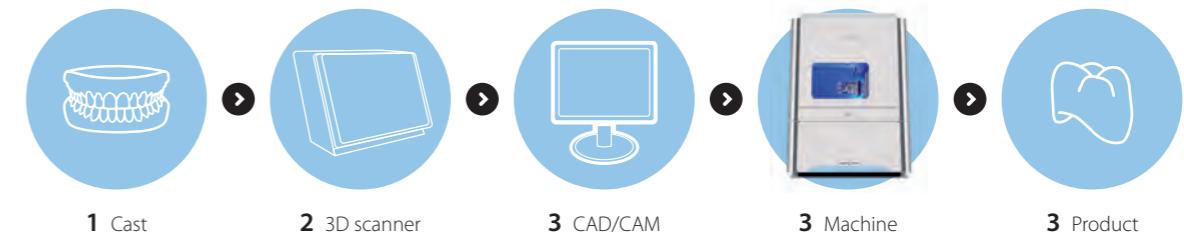
The DWX-4W is designed so that even novice users can quickly set up and easily begin creating precision prosthetics the same day the machine arrives. The workflow is simple: after installing the material and milling tools into the machine, lab technicians use the Virtual Machine Panel (VPanel) to configure settings from their computer, then automatically send CAM data to the DWX-4W to begin production. Users receive e-mail notifications detailing any errors, or when milling is completed, while a colour-coded LED light signals machine status and informs the user of current progress.



### Economical open architecture.

Open architecture allows the DWX-4W to work with the latest materials and CAD/CAM software so you're never limited by older technology.

If you already have a production solution, the DWX-4W works seamlessly with your existing scanner and compatible CAD/CAM software while eliminating the need to rely on a single source for materials. Compatible with RML-1 and NC code, the DWX-4W interfaces with your computer through a USB connector.



### Virtual Machine Panel.

Unlike traditional CNC mills, Roland has replaced the complex controls with a user-friendly Virtual Machine Panel (VPanel) which operates machine diagnostics and the calibration and milling processes from your computer desktop. The VPanel also tracks tool, collet and spindle time as well as overall machine time for maintenance purposes.



### Coolant compartment and water filtration.

The DWX-4W is equipped with a fully integrated pump and coolant system. The coolant container slides in and out, making it exceptionally easy to replace the coolant on a regular basis. It also features an integrated water collection filtration system for maintaining a clean and efficient workspace.



### Growth potential.

Highly scalable, the DWX-4W offers multicast capability that allows you to connect up to four Roland machines to one computer, making it easier than ever for dental labs to expand their businesses and increase their production capacity. The DWX-4W wet mill lets labs control the entire process in-house with a single software seat, maximizing your investment and resources.

