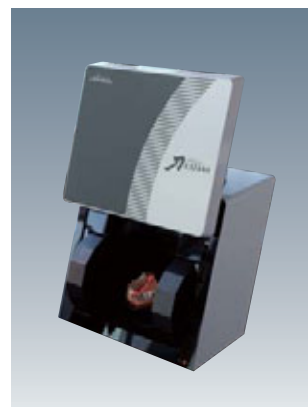


Related Products

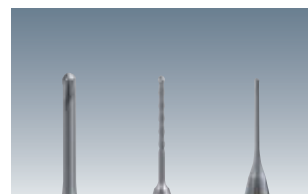
KATANA Scanner SC-3



Size	W 340mm x H 290mm x D 330mm
Weight	14kg
CCD Camera / Laser	2 / 1
Object Movement	3-axis: rotation, translation and tilting
Interface	Ethernet (standard TCP / IP based network), standard USB connection to PC
International Conformity Compliance	CE / FCC Approved

- Easy and automatic calibration ensures constant scan accuracy
- Quick and easy positioning of objects in the scanner
- Projective geometry and novel calibration of laser, camera and axis ensures consistent precision
- Automatically captures undercuts on original objects with 2CCD cameras and laser scanning
- Provides consistent accuracy – 20 microns (surface-to-surface accuracy of 15 microns)
- SC-3 designed specifically for KATANA system with optimized KATANA STL output
- Quick, easy one-button scanning
- Transfers STL design data files to KATANA CAD / CAM system
- Best matching with CAMbridge software

KATANA Drill



Diameter	0.8mm, 1.0mm, 2.0mm
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- Specially designed for zirconia milling (pre-sintered & raw)
- Can be used for wax and PMMA
- Superior surface smoothness after milling KATANA raw zirconia
- Long lasting, high performance

Related Materials

Zirconia

Noritake Zirprime™

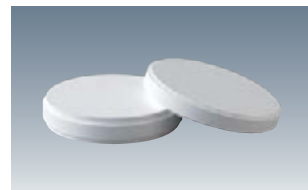


Size	98.5mm x t: 10mm, 14mm, 18mm, 22mm, 26mm
Shade	Pre-colored (4 shades: ZP10, ZP12, ZP13, ZP15)

- Stabilized pre-sintered zirconia
- Low monoclinic transformation
- Exceptional shrinkage consistency on every distribution point within disc
- Esthetic translucency
- Highest flexural strength (1,200MPa)
- 98.5mm rounded shape for open architectures (Zirprime is step compatible with DWX-30N / 50N)

CE 0120

Noritake KATANA Zirconia Disc / Block Type-L (Not available in the United States)



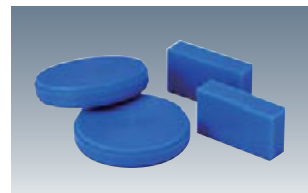
Size	Block W 43mm x H 76mm x D 20mm
	Disc 98.5mm x t: 10mm, 14mm, 18mm, 22mm, 26mm
Shade	Pre-colored (Disc 4 shades: KD10, KD12, KD13, KD15 / L-Block 9 shades: KT10~KT18)

- Raw zirconia (non pre-sintered)
- Esthetic translucency
- High flexural strength (1,200MPa)
- Advanced ceramic technology
- Stable baking shrinkage

CE 0120

Wax

Noritake KATANA Wax (Disc & Block)



Size	Disc type (98.5mm x t: 20mm & 14mm)
	Block type (76mm x 43mm x 20mm)
Color	Blue

- Appropriate hardness for milling, avoids chipping
- Easy burn-out and very little incineration residue
- Suitable for casting metal and pressing ceramic ingots

Noritake. A Renowned Japanese Ceramic Manufacturer.

Noritake

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<http://www.noritake-dental.co.jp>

Visit our website for any updated information.

Zirprime is a trademark of Noritake Dental Supply Co Limited.

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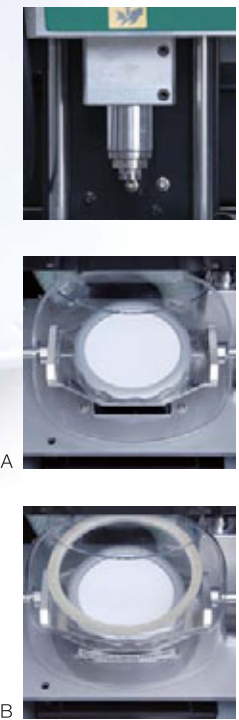
Noritake KATANA Milling Machine

DWX-30N / DWX-50N

Efficient. Compact. Versatile. Affordable.
The Evolution of Your Lab.



NORITAKE
Dental CAD/CAM System
KATANA



Features and Benefits

- Wax milling for precision copings and crowns
- Zirconia milling for precision copings
- Easy integration with KATANA Scanner
- Compatible with STL design data files from Dental Wings Scanner (CAM software is required)
- Innovative 4th axis allows materials to tilt as much as ± 20 degrees (picture A)
- Capable of producing various shapes of coping / crown to match undercut
- Two clamps securely hold materials in correct milling positions
- Dust collection capsule collects dust and prevents scattering (picture B)
- High performance, affordably priced

Noritake KATANA Milling Machine

DWX-50N

Maximize efficiency and utility with this 5-axis ATC-equipped milling machine.

Axis	5-axis (x, y, z, a, b)	
Materials	Zirconia	○
	Wax	○
	PMMA	○
Automatic Tool Changer	○ (5 tools)	
Air Blowing Tool	○	



Features and Benefits

- Wax and PMMA milling for precision copings and crowns
- Zirconia milling for precision copings
- Easy integration with KATANA Scanner
- Compatible with STL design data files from Dental Wings Scanner (CAM software is required)
- Innovative 4th axis allows material to rotate ± 360 degrees (picture C)
- Versatile 5th axis allows materials to tilt as much as ± 20 degrees (picture C)
- Automatic Tool Changer (ATC) equipped with 5 milling tools (picture D)
- Capable of producing various shapes of coping / crown without undercut
- Two clamps securely hold materials in correct milling positions
- Air blowing tool controls the spindle for efficient production (picture E)
- High performance, affordably priced



Noritake KATANA Milling Machine

DWX-30N

Your best ceramics and wax work begins with this 4-axis high performance machine.

Axis	4-axis (x, y, z, a)	
Materials	Zirconia	○
	Wax	○
	PMMA	△※
Tool Changer	×	
Air Blowing Tool	×	

※ Milling dust may be problematic. Air blowing tool should be used.

Comparison of Technical Data

	KATANA DWX-30N	KATANA DWX-50N
Size	W 606mm x H 656mm x D 557mm	W 656mm x H 656mm x D 557mm
Weight	47kg	50kg
Operation Type	In-lab	In-lab
Axis	4 (x, y, z, a)	5 (x, y, z, a, b)
Spindle Motor	Brushless DC motor, maximum 100w	Brushless DC motor, maximum 100w
Spindle Speed	6,000 to 30,000 rpm	6,000 to 30,000 rpm
Power Supply	100 to 240V	100 to 240V
Tool Change	Manual with quick chucking device	Automatic tool change station for 5 tools
Materials	Zirconia, Wax	Zirconia, Wax, PMMA
Recommended Drill Diameter	0.8mm, 1.0mm, 2.0mm	0.8mm, 2.0mm
Ave. Milling Time (Anterior Single Crown)	Zirconia	12 minutes
	Wax	8 minutes
	PMMA	10 minutes