DWX-53DC

Sophisticated Disc Changer with Smart Functions

SPECIFICATIONS

Millable material	Zirconia, Wax, PMMA, Gypsum, PEEK, PEKK, Glass fiber reinforced resin, Composite resin, CoCr Sintered metal	
Loadable workpiece shape	Disc-type (with step)	Step section: 98.5 mm (3.88 in.) (diameter), 10±0.3 mm (0.39±0.0118 in.) (height) Body section: 95 mm (3.74 in.) (diameter), 35 mm (1.38 in.) max. (height)
	Pin-type	Pin diameter: 6 mm (0.24 in.)
Loadable workpiece weight	850 g or less	
Number of loadable adapters	6	
Operating speed	XY：~3,000 mm/min (~118 in./min)、Z：~2,700 mm/min (~106 in./min)	
Spindle motor	Brushless DC motor	
Spindle rotating speed	6,000 to 30,000 rpm	
Rotary axis travel angle	A: ± 360°, B: ± 35°	
Number of milling burs housed	15	
Attachable milling bur	Shank diameter: 4 mm (0.16 in.), length: 40 to 55 mm (1.57 to 2.17 in.)	
Compatible compressed air	0.4 MPa	
Interface	USB	
Control command sets	RML-1, NC code	
Power requirements	100-240 VAC ± 10%、50/60 Hz (overvoltage category II, IEC 60664-1), 2.8 A	
Power consumption	Approx. 250 W	
Operating noise	During operation: 70 dB (A) or less (when not cutting) During standby: 45 dB (A) or less"	
External dimensions	Width × depth × height: 598 × 763 × 831 mm (25.6 × 30.1 × 33.0 in.)	
Weight	120 kg (265 lb.)	
Installation environment	Indoor use at altitudes up to 2,000 m Temperature: 5 to 40°C (41 to 104°F), humidity: 35 to 80%RH (no condensation) Ambient pollution degree: 2 (as specified by IEC 60664-1) Short-term temporary overvoltage: 1,440 V, long-term temporary overvoltage: 490 V	
Included items	Power cord, USB cable, safety information, quick access guide, detection pin, automatic correction jig, torque screwdriver, T-shaped hexagonal screwdriver, L-shaped hexagonal wrench, collet attach-detachment jig, milling bur holders, milling bur positioner, regulator, barcode label, adapter, open edge adapter, adapter rack, pin-type workpiece adapter, milling bur, tablet holder, etc.	

System requirements for USB connection

Computer	A model preinstalled with Windows 11 (64-bit version), 10 (32-bit and 64-bit versions), or 8.1 (32-bit and 64-bit versions)
USB cable	Use the included USB cable. If you will connect a conversion cable, separately prepare a USB cable whose total length, including the length of the conversion cable, is 3 m (118. 11 in.) or less.

DGSHAPE

DWX-53DC

Sophisticated Disc Changer with Smart Functions

Technology Transforming to Art
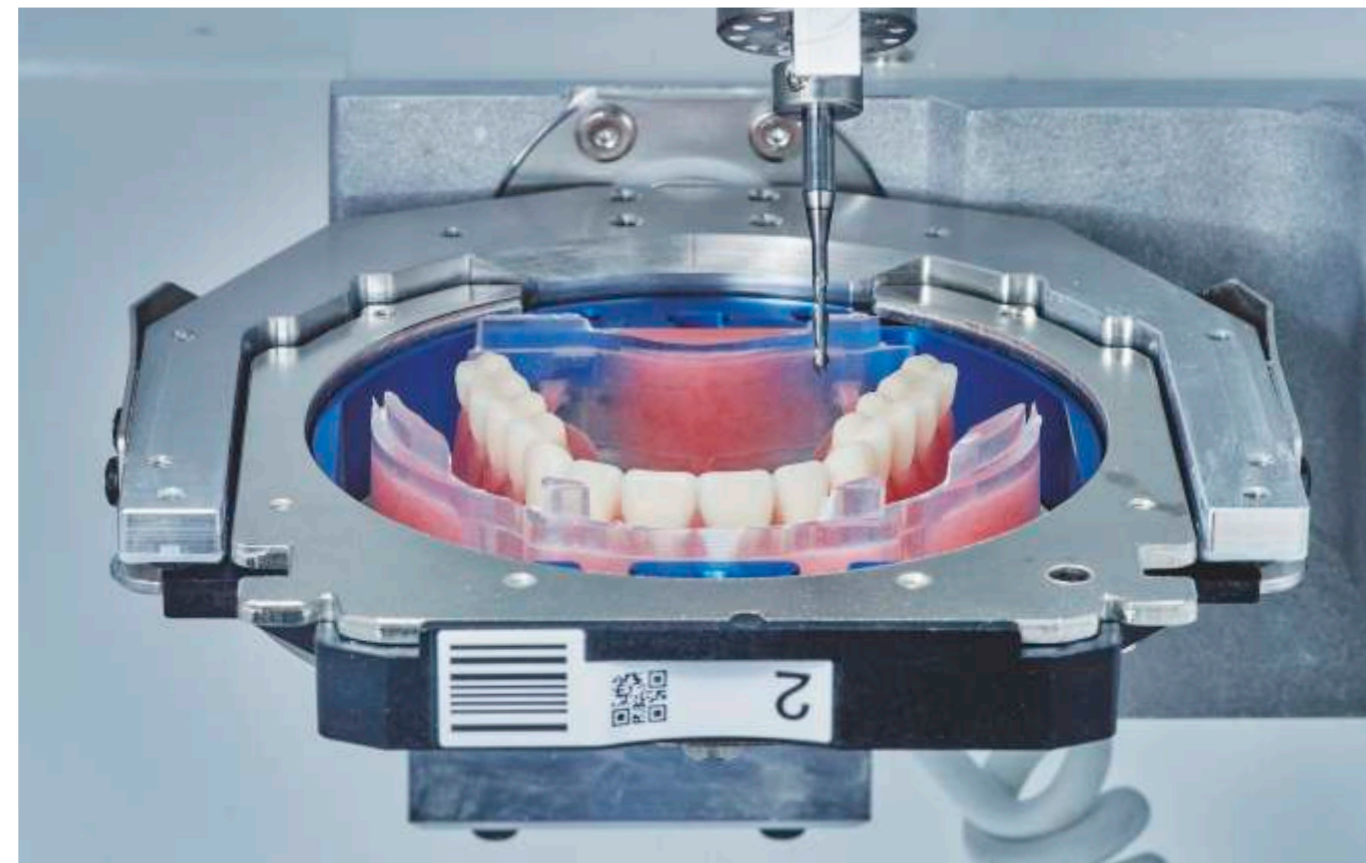
DGS0054A '22 SEP Z-0 AD-Z

SMART DESIGN

Picture-Frame-Like Exterior
Deceptively Compact Disc Changer

DWX-53DC is a beautifully cafted thoroughbred, concealing the power to realise the infinite potential of Dental Technicians, like an artist manipulating colors to create a masterpiece.

The sophisticated look adds creativity to your lab's atmosphere.

The dedicated holder allows you to install a touch panel to the front of the machine.

SMART SYSTEM

Best Milling Performance, Everyday

The improved rigidity provides complete stability.

Take calibration to the next level
· The built-in temperature sensor compensates for the machine's expansion and contraction caused by the
· temperature change.
· Additional manual calibration for exceptional results

The open edge adapter and B-axis ±35 degrees milling enables supreme quality milling for anteriors.

High Speed PMMA Milling for
Next Generation DIGITAL DENTURES

The improved rigidity and the newly designed spindle enables 4mm tool milling
· Our Digital Denture Solutions, CA-DK series, and genuine tools provide state-of-the-art milled digital dentures.

Learn more
https://www.dgshape.com/eu/digitaldenture/

High-Speed Disc Change

Up to 100 ID labels for disc changing