

dX5.0



Designed
in USA

High-end dry milling
machine for dental clinics



No air
compressor
required



Quieter,
more efficient
clinical workflow



Compatible with
all dry milling
materials



The top half of the image features a dark grey background. On the right side, there is a large, vibrant green plant with long, feathery leaves. In the center, the logo for 'nexum DENTAL' is displayed. 'nexum' is written in a bold, lowercase sans-serif font, with the 'e' highlighted in a bright blue color. Below 'nexum', the word 'DENTAL' is written in a smaller, all-caps, spaced-out sans-serif font. In the foreground, the silhouettes of two office chairs and two computer monitors are visible, suggesting a modern dental office environment.

nexum DENTAL

ABOUT THE BRAND

At Nexum Dental, **we redefine the standard in dental equipment and supplies**, transforming the ordinary into the extraordinary.

Our headquarters combines **technological innovation with an unwavering commitment** to excellence, positioning us as a leader in the premium dental market.

We are a comprehensive provider of CAD/CAM solutions, integrating research and development (R&D), production, and sales, backed by a well-established R&D team. We have obtained numerous international certifications, such as CE, FDA, and ISO, **which guarantee the quality and reliability of our products.**

We specialize in importing and distributing products designed for dental laboratories and clinics that seek exceptional quality, ease of use, and an innovative approach. Inspired by the need to offer accessible solutions without compromising exclusivity, we provide advanced equipment and after-sales services that make a difference.

Our mission is clear: **to simplify processes, exceed expectations, and elevate the customer experience.** At Nexum Dental, we are driving a new era of technology in the service of dental health.

dX5.0

Designed for all types of restorations

The dX5.0 is a high-performance dry milling unit, ideal for dental clinics seeking precision, low noise, and efficient operation without the need for a compressor.

With 5-axis simultaneous milling and compatibility with multiple materials, it enables stable, high-quality restorations of any type. Its compact design, intelligent connectivity and robust structure make the dX5.0 a modern, versatile, and reliable solution for the clinical digital workflow.

Materials



Zirconia



Wax



PMMA



Composite Resin



Sintered metal



Peek

Engineered for elegance:
compact, whisper-quiet, and
exceptionally accurate.



Technical Specifications

GENERAL

Fields of application

Dry machining

Materials

Zirconia, wax, PMMA, PEEK, composite resin, soft milling CoCr sintering metal

Material specifications

Discs: height 10-30mm, diameter 98.5mm
Blocks up to 40x20x20mm (Max)

Indications

Crowns, anatomical crowns, screw-retained crowns, inlays, onlays, veneers, telescopic crowns, abutments, bite splints, full dentures etc.

BASE SYSTEM

Construction

Machine bed made of solid cast aluminum body

Number of axes

5-axis simultaneous

Housing

Steel, white high-gloss lacquer finish, main front housing: injection-molded

Rotary axes

A-axis: 360°
B-axis: ±33°

Lighting

LED lighting inside the working chamber

Power

500W

Technical Specifications

SPINDLE

General	High-frequency spindle, automatic tool change, no air cooling required
Speed	60,000 rpm (max)
Tool holding	Ø4 mm
Power	800W (max.), 450W (S1)
Tool change	<ul style="list-style-type: none">• Tool magazine for 12 tools• Length measurement• Tool breakage monitoring via precision measuring key

DATA AND DIMENSIONS

Voltage	100–240V AC, 50–60Hz
Data	
Dimensions (W/D/H)	520 × 360 × 580 mm
Weight	48.5 kg
CAM Software	UPCAM



Designed
in USA

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DENTAL



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