

TECHNOLOGICAL LEAD

in the modern compact class



**5 - AXIS
SIMULTANEOUS MACHINING**



**MODULAR CONSTRUCTION
FOR INDIVIDUAL USE**



**COOLANT PORT
FOR MILLING AND GRINDING**



**18-TOOL MAGAZINE
WITH AUTOMATIC CARROUSEL**



**AUTOMATIC
MACHINE MEASURING SYSTEM**



**SECURE PREFACE ABUTMENT
MANUFACTURING**



**PRECISE GRINDING
OF CERAMIC MATERIALS**



**SYNERGY IN MANUFACTURING
THROUGH DC CONCEPTCONTROL**



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www.dental-concept-systems.com



Dental Concept Systems has completed its range with the DC1™ and now also offers a basic device in the compact class of modern milling systems.

The DC1™ makes it possible for dental laboratories of all sizes to be extremely competitive and offers dental technicians a smooth entry to CAD/CAM technology.

Features of the DC1™

- System freedom
- Modular construction according to individual needs
- 5-axis milling system, simultaneous
- Dry and wet milling
- For zircon oxide, ceramic materials, lithium disilicate, CoCr, titanium, PMMA, composites, wax and model materials
- Exchangeable 18-tool magazine with automatic tool measurement and management of twin tools
- Automatic machine calibration for maximum precision
- Synergy in manufacturing through DC conceptCONTROL



The DC conceptCONTROL control software and the modular construction support the combination of DC1™ and DC5™ and offers a wide range of options for the extension of dental productions.

Technical data for the DC1™

Dimensions in inches (W x H x D) 21.7 x 36.5 x 31

Weight in kg 170 (without extraction system)

Spindles High-frequency spindles with hybrid ball bearing Max. rotary speed: 60.000 rpm

Tool holder Pneumatic chuck for drills with 4 or 6 mm shaft

Angle of inclination in the rotary axes $\pm 360^\circ$ (B-axis) and $\pm 30^\circ$ (A-axis)

Compressed air connection min. 7 bar

Voltage/frequency 230 V / 50 Hz



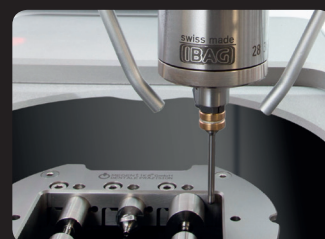
Milling



Grinding



Drilling



Cutting

