



COBRA4®

4 Axes Milling Machine

COBRA4 IS
A COMPACT 4-AXIS
DRY DENTAL MILLING UNIT

COBRA6Xe®

5 Axes Milling Machine

COBRA6XE IS A COMPACT
5-AXIS WET&DRY DENTAL
MILLING UNIT

COBRA6XD®

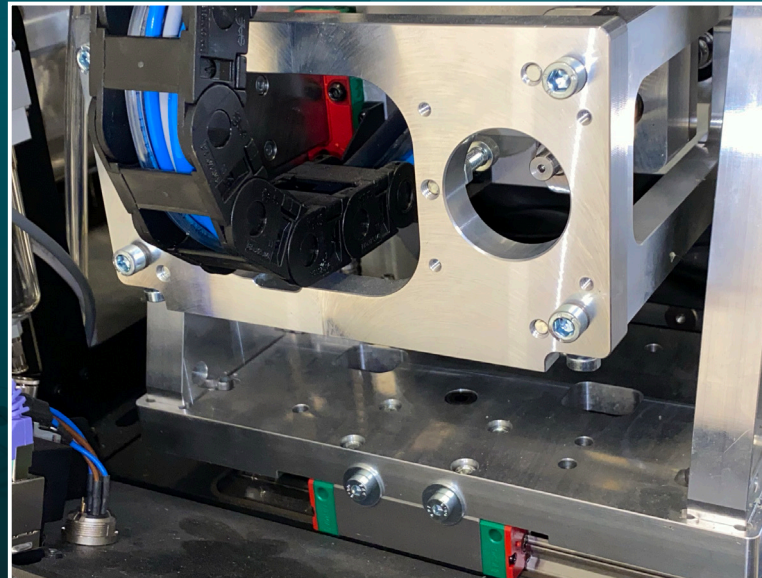
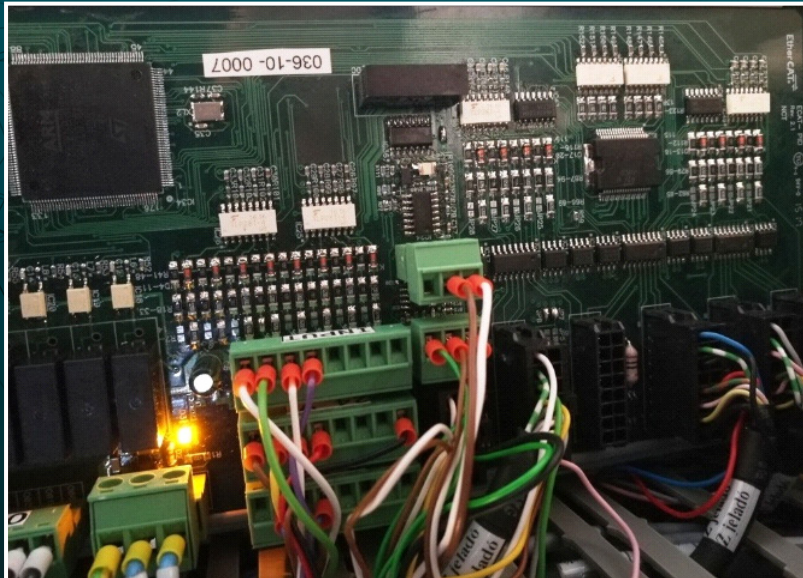
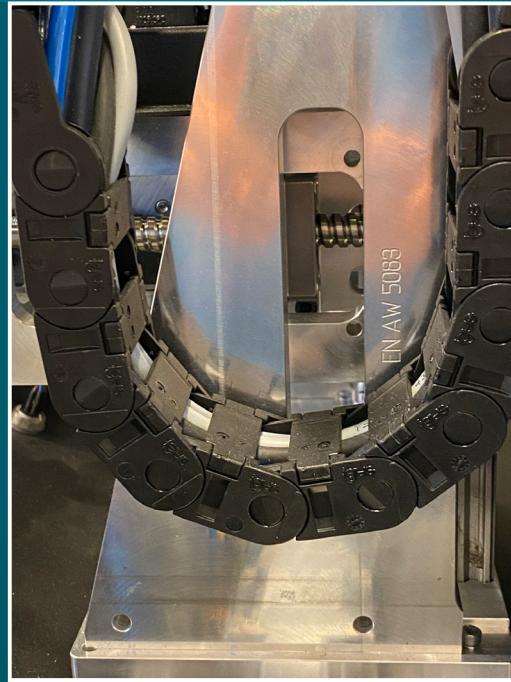
5 Axes Milling Machine

COBRA6XD IS A COMPACT
5-AXIS WET&DRY DENTAL
MILLING UNIT



Absolute encoder measuring system on all axes

All of stepping motors assembled with absolute rotary encoders for maximal motion precision.

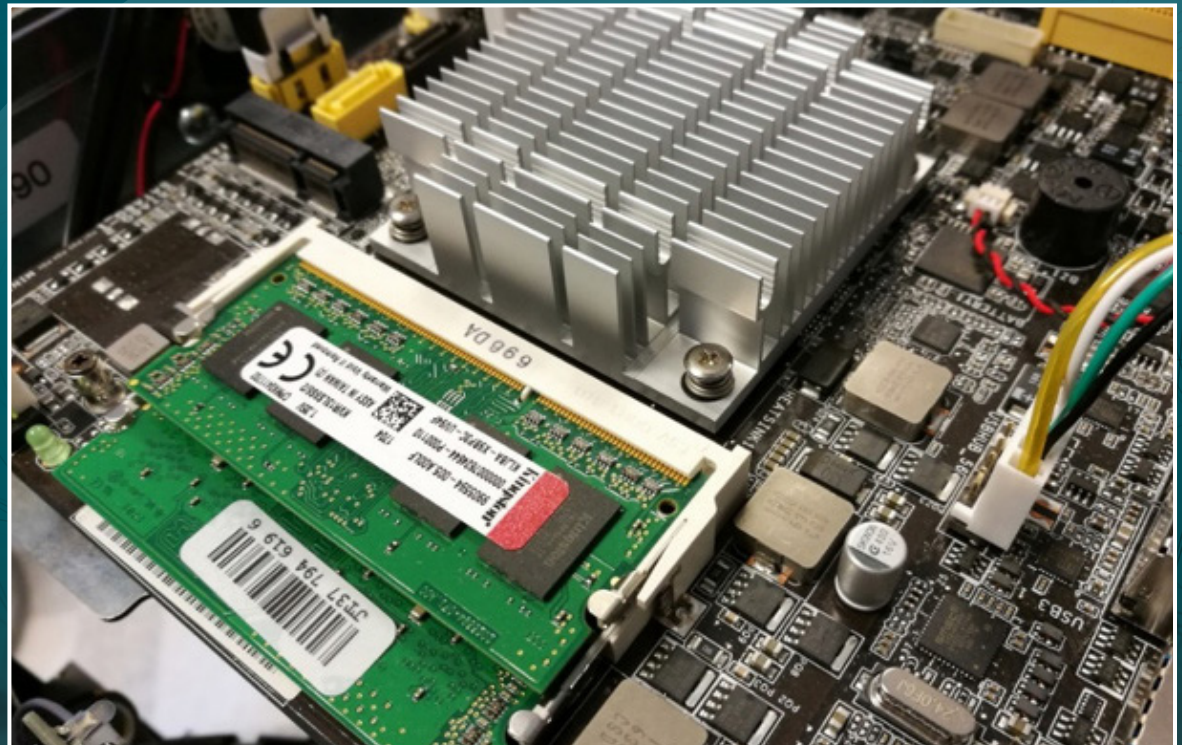


Revolutionary stepper-servo hybrid control system



Siemens based control system provide the smoothest motion of all axes.

Embedded industrial computer supervises the machine's processes and conditions, furthermore creates intercommunication between YOU and the milling unit by touch screen.



User-friendly desktop

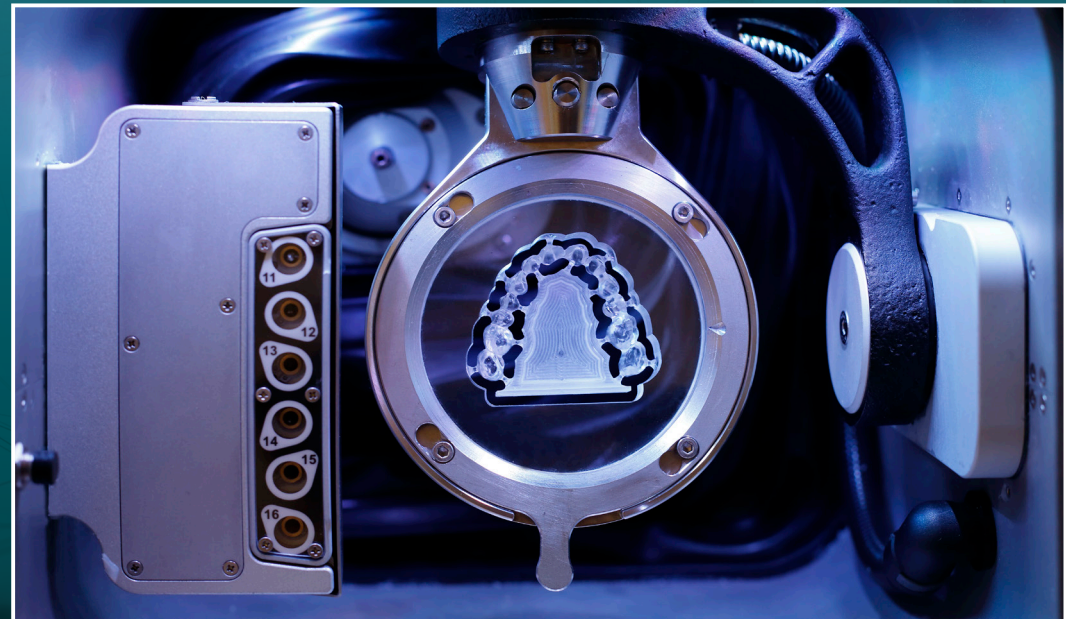
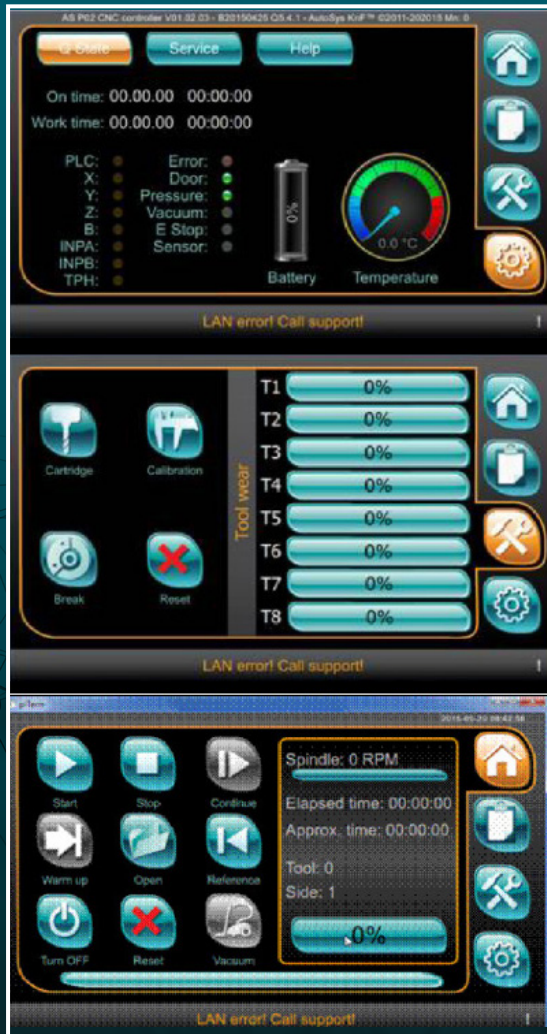
Self-developed, unique user interface serves the pleasant, easy navigation between machine's functions. Remote service directly executable on the machine with help of installed.



TeamViewer

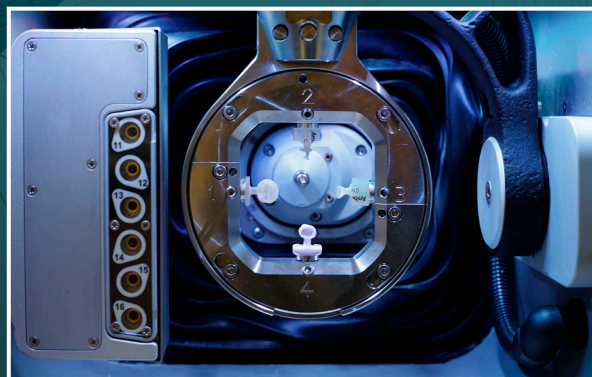
6 station tool magazine

Automatic tool changing operation through pneumatic collet system. Tool-length measuring process by highaccuracy optical sensor.



Glass ceramic milling

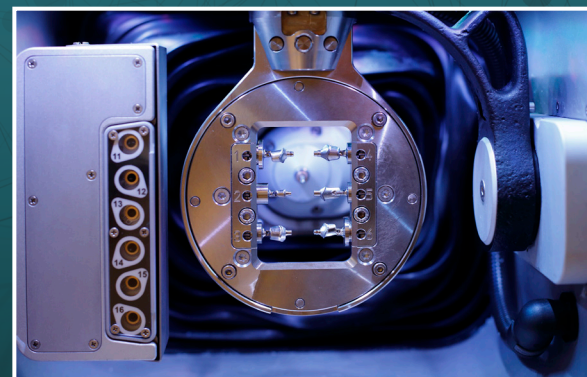
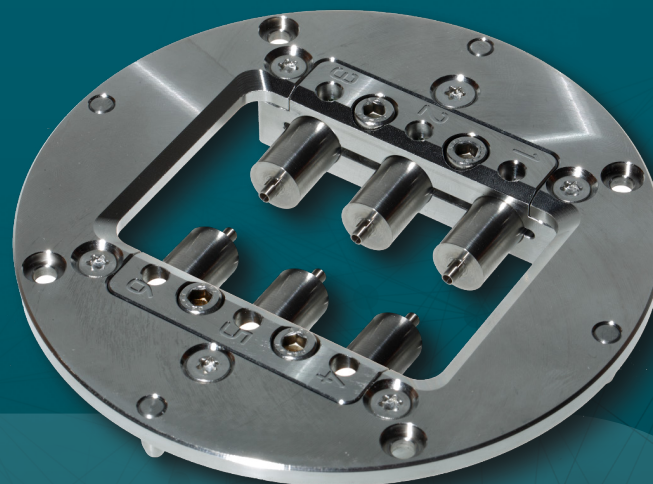
4 Cube position. Easy adaptation.



Abutment pre-milling

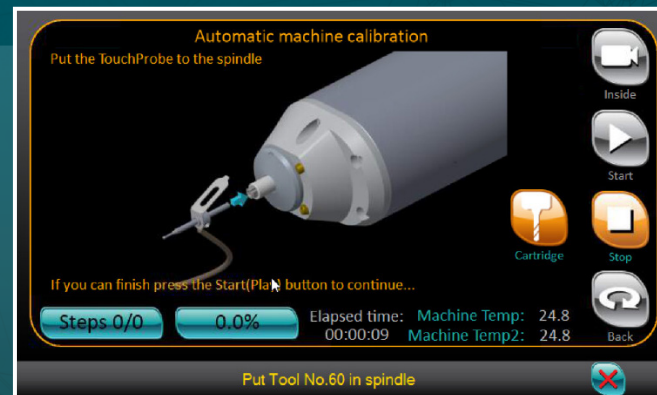
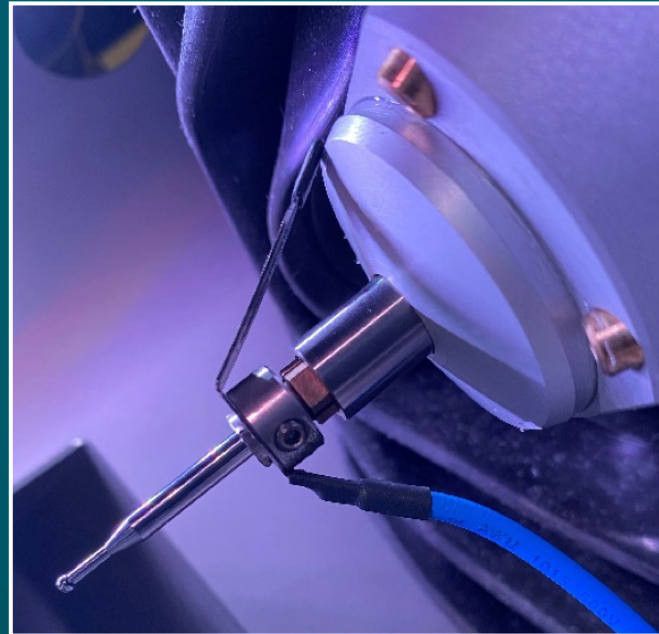


6 PREFABRICATED ABUTMENTS position.
Easy adaptation High accuracy fit.



Automatic Calibration system

Calibration wizard system with full automatic steps





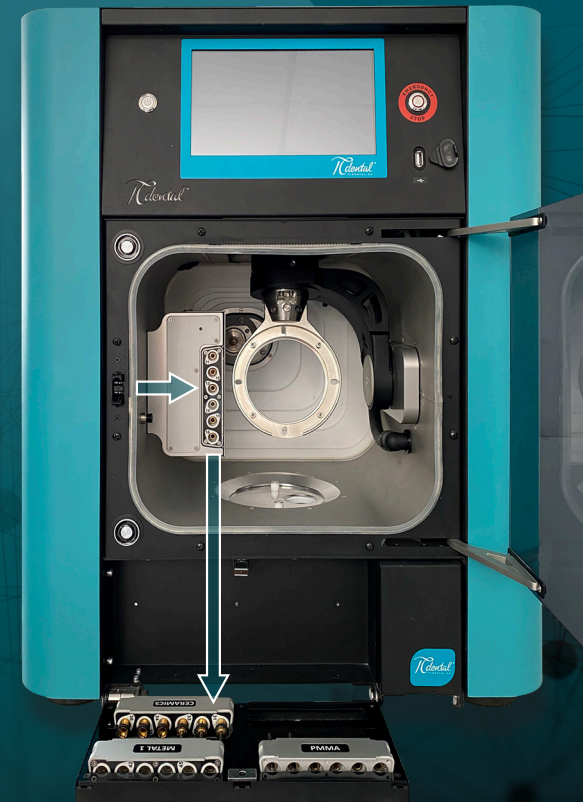
Self drying option

The automatic drying program ensures proper and fast internal drying of the milling machine. Just select it from the menu.



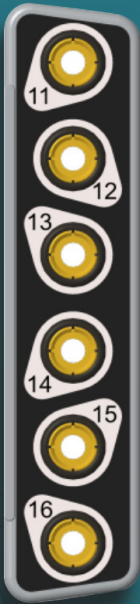






Simply friendly

Front side vacuum port is much powerful. The practical cleaning with the cobra series is a very simple, user-friendly solution. Connect the quick vacuum adapter for perfect and quick dust removal.

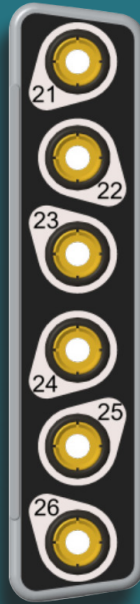








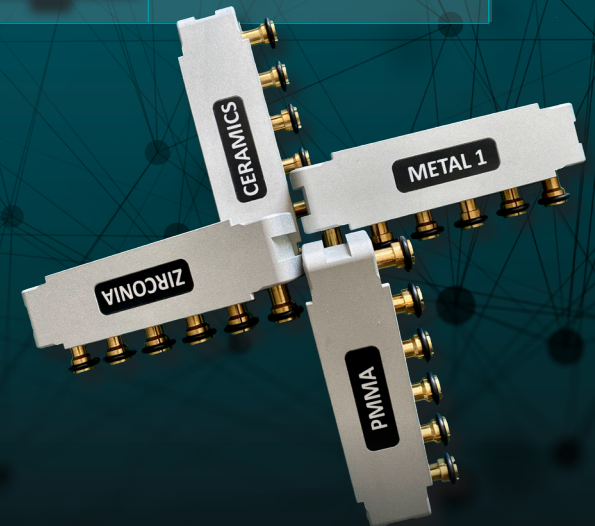
ZIRCON AND PMMA SMART MAGAZINE

ZIRCONIA and SINTERMETAL / Shank diameter: Ø 3 mm

	T11		Ø2.5 mm / Order No.: diamond coated ball-end mill
	T12		Ø2 mm / Order No.: diamond coated ball-end mill
	T13		Ø1 mm / Order No.: diamond coated ball-end mill
	T14		Ø0.6 mm / Order No.: diamond coated ball-end mill
	T15		Ø1.5 mm / Order No.: square-end mill
	T16		Ø1 mm / Order No.: square-end mill



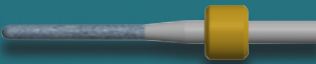
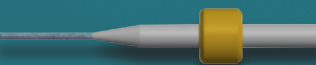

PMMA, WAX and light COMPOSITES / Shank diameter: Ø 3 mm

	T21		Ø2.5 mm / Order No.: uncoated ball-end mill
	T22		Ø2 mm / Order No.: uncoated ball-end mill
	T23		Ø1 mm / Order No.: uncoated ball-end mill
	T24		Ø0.6 mm / Order No.: uncoated ball-end mill
	T25		Ø1.5 mm / Order No.: square-end mill
	T26		Ø1 mm / Order No.: square-end mill



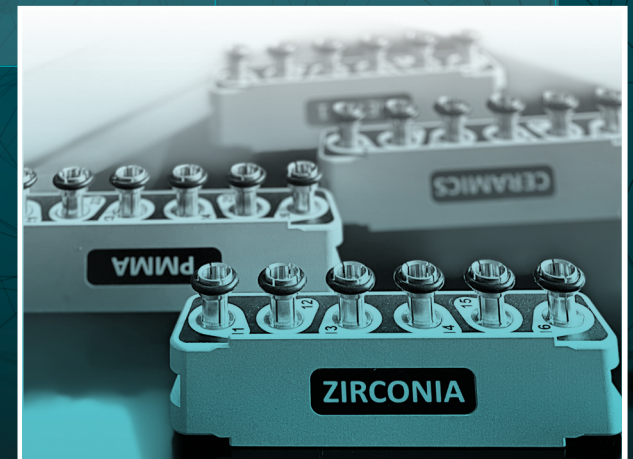
GLASS CERAMIC AND METAL SMART MAGAZINE

GLASS CERAMICS (optional) / Shank diameter: Ø 3 mm

	T31		Ø3 mm / Order No.: ball-end grinding tool
	T32		Ø2 mm / Order No.: ball-end grinding tool
	T33		Ø1 mm / Order No.: ball-end grinding tool
	T34		Ø0.6 mm / Order No.: conical ball-end grinding tool
	T35	unused	
	T36	unused	

Titanium and Cobalt-Chrome (optional) / Shank diameter: Ø 4 mm

	T41		Ø3 mm / Order No.: hard coated ball-end mill
	T42		Ø2 mm / Order No.: hard coated ball-end mill
	T43		Ø1 mm / Order No.: hard coated ball-end mill
	T44		Ø0.8 mm / Order No.: hard coated ball-end mill
	T45	unused	
	T46	unused	



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