



core3d
centres®



Core3dcentres® 140i

The Chairside deluxe solution for practice laboratories

The Core3dcentres® 140i milling machine manufactured by imes icore is a newly developed Practice Lab Solution. The new Practice Lab Solution 140i from imes-icore is space-saving and compact due to its minimal size. The Practice Lab Solution 140i is particularly suitable for the production of customised fully ceramic restorations directly in your practice laboratory.

Materials:

- Zirconium oxide
- Aluminium oxide
- Resins e.g. PMMA / composite
- Wax
- Glass ceramics, feldspar ceramics, lithium disilicate

Advantages:

- 4 axes processing of material blocks (with undercut acquisition)
- Highest precision by high-frequency spindle with up to 60.000 rpm
- Tool lifetime control / tool breakage control
- Flexible adapter system facilitates the use of different CAD/CAM block systems
- Simplest tool management
- High quality machine components
- Stable, compact chassis construction available in steel or aluminium
- Very economical due to efficient cost-benefit ratio, resulting in a shorter payback period



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Technology

- Dry and wet processing with integrated cooling liquid cycle
- Machine integrated cooling liquid basin, filter station and pump
- Simplest connection to CAM software
- High-definition micro step controller and motors in all axes
- One processing station with 360° axis with precision gearing for vibration-free stability
- High-frequency spindle "Jäger" with up to 60.000 rpm
- Integrated purging device and three cooling nozzles for wet processing in spindle holder
- Suction unit for perfect exhausting of arising dust
- Automatic 6-times tool changer
- Tool holder with 3 mm shaft
- Integrated precision length measuring switch
- Including control software Remote DENTAL 2.0 with tool breakage and tool lifetime control
- 115 V / 230 V versions
- Consumption of compressed air approx. 50 l/min (min. 6.0 bar)
- Weight: 55 kg
- Dimensions: 430 x 365 x 528 mm (w x h x d)

For more detailed information please contact us at www.core3dcentres.com

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