



# hyperDENT®

## hyperDENT® with imes-icore – Manufacturing top quality implant-based indications.



FOLLOW-ME! values and nurtures its longstanding business relationships with renowned international manufacturers and partners. Our first-class cooperation with imes-icore is reflected in the many collaborative customer projects in which we jointly ensure that machine, software and services are perfectly coordinated providing the best results for our customers. This is especially important for the manufacturing of implant-based and directly screw-retained parts, which was the impetus behind the “hyperDENT® / CORiTEC 650i Implant Workflow”.

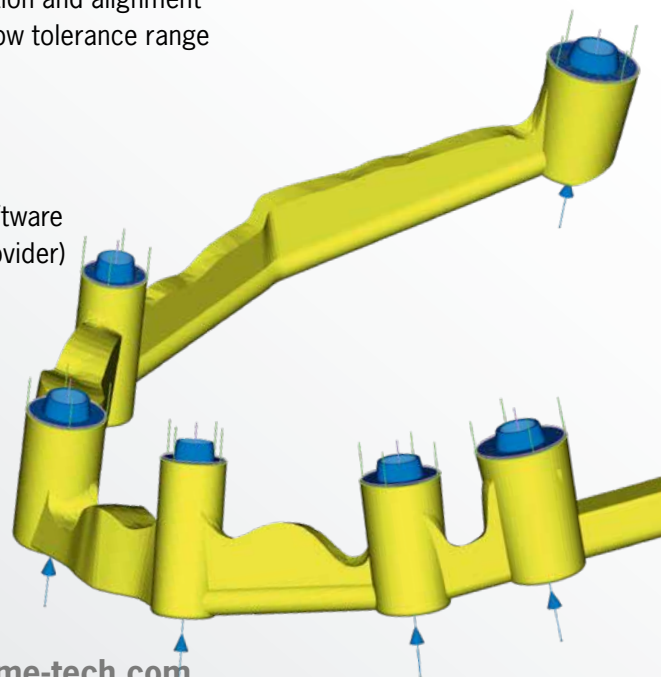
hyperDENT® is completely attuned to the imes-icore CORiTEC 650i. All milling strategies have been developed together with our partner and enable optimal results for all dental restorations, especially for implant-based indications.

### Advantages of manufacturing implant-based indications with hyperDENT®:

- CAM libraries for over 80 implant systems
- Corresponding CAD libraries for 3Shape, Exocad and DentalWings
- Corresponding hyperDENT® Scanbodies that are compatible with all common lab scanners
- Optimal surface qualities for the implant-based indications
- Optimized design for simple recognition of the implant position and alignment
- Extremely precise industrial manufacturing with a very narrow tolerance range
- FOLLOW-ME! offers all components – one source provider

### Advantages of hyperDENT®:

- Open, highly automated and flexible system
- Complete production process coverage with a single CAM software
- Extremely high process stability (independent from CAD provider)
- Simple, intuitive operation (Plug & Play)
- Completely material-independent
- Maximum precision and time efficiency throughout the entire process
- Always technologically up-to-date through consistent software enhancement and development
- Worldwide premium support



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## Pioneering technology and maximum quality for demanding customers.

imes-icore, our chosen partner, expertly equips our customers with sophisticated hardware and optimally supports them with coordinated services. The internationally active imes-icore GmbH combines its complete CNC machine system know-how from the development, production, sales and service areas. The premium machine systems, CORiTEC 650i and CORiTEC 650i Loader, feature high quality industrial milling machine technology, such as granite construction, linear drives in the linear axes and torque motors in the rotary axes, digital absolute linear measuring systems and powerful main spindles. The machine concept particularly impresses with its precise, vibration-free and dynamic motion sequences for the challenging and complex processing of metals. This machine system can also be used for high quality milling and grinding of all other materials using either wet or dry processing. The coordinated processes of FOLLOW-ME! and imes-icore guarantee customers high product quality along with the support required throughout the entire production process. FOLLOW-ME! also provides all customers and partners worldwide premium support with reliable local contacts.

### Technical highlights:

- Solid polished natural granite axis construction for highly dynamic 5-axis simultaneous machining delivering extremely precise milling results
- Absolute high-resolution measuring systems on all axes
- High-frequency spindle with up to 50,000 rpm and 2.3 kW with HSK 25 tool magazine
- 32-slot fully-automatic tool changer
- 16-slot blank changer (only CORiTEC 650i Loader)
- Integrated wet and dry machining for all materials and indications
- Touch screen control
- Cutting-edge linear and torque motor technology



[imes-icore.de](http://imes-icore.de)