FMD|EX2 CAD-CAM Basic – Map & Motion

Basic Training

The aim of this introductory course is to provide in-depth knowledge and ensure confident, independent use of the following system components: scanner (Ceramill Map) and CAD software (Ceramill Mind), as well as positioning of the finished designs in the blank (Ceramill Match) and milling unit (Ceramill Motion).

Course contents

DAY 1:
- Introduction to the use of the Ceramill Map and individual practicing of the workflow
- Practical demonstration of the Ceramill Mind CAD software - step-by-step design of a 3-unit bridge.
- Insight into the data upload function to a manufacture center
- Finalisation of the units after milling (Cut of the connectors, coloring and sintering with zirconia and Sintron)

DAY 2:
- Introduction of CAD-CAM materials
- Consolidation of design options using the CAD software
- Demonstration of the virtual articulator
- Basic knowledge Model Management, explanation of handling with Ceramill transferkit
- Using the Ceramill Match nesting programme
- Calculating the milling path taking different materials into consideration (zirconia, wax, PMMA, temporary composites)
- Maintenance and care of the milling unit

DAY 3:
- Revision of the training contents and fully independent working (real-time operation)
- Closing discussion

Note

Computer literacy is an essential requirement
Scan models are provided by Amann Girrbach
The course material comprises a case that includes all the required degrees of difficulty for learning the scanning and design software