3M™ True Definition Scanner now Integrates into your dental laboratory workflow.
Aesthetic, highly precise results in one appointment* - possible due to concentration of expertise and seamless workflow

The time is ripe for the integration of intraoral scanners in the dental technology process. Leveraging the trusted connection to the exocad software, Amann Girrbach's Ceramill system can now import scans from the 3M™ True Definition Scanner.

The 3M™ True Definition Scanner fulfills the high standards of accuracy which Amann Girrbach requires for integration in the process. Amann Girrbach also provides a simple interface which makes it easy for any commercial laboratory to dock with practices or practice laboratories using the 3M™ True Definition Scanner. Ceramill CAD/CAM with 3M™ True Definition Scanner integration is the optimal solution for practice laboratories. One of the most accurate, flexible, and easy-to-use IOS systems will be combined with the currently most versatile in-house CAD/CAD system for dental laboratories. Compatibility of the 3M™ True Definition Scanner with the Ceramill system creates a prosthetic quality and value-generating dream team for any laboratory or dentist collaboration.

This integrated lab solution gives the dentist all the advantages of the IOS and chairside without the drawbacks. Dental laboratory procedures stay with the dental technician. The patient, dentist and laboratory or practice laboratory gain due to improved restorations.

* assuming dentist and lab technician in same or close by location
A dream team for digital prosthetics – in-house.
State-of-the-art IOS meets state-of-the-art CAD/CAM.

Function precision and diversity in the optimum workflow - independent of company model (commercial laboratory, practice laboratory, dentist).

**General IOS advantages:**
- Immediate visual control of preparation and impression

**3M™ True Definition Scanner advantages:**
- **Accuracy:** Proven to be more accurate – and more consistently accurate – than other leading intraoral scanners
- **Ease of Use:** Innovative design for fast, easy and comfortable scanning
- **Affordability:** Low cost of entry into digital impressioning

**Easy connection**
- Extension of range of services by chairside indications
- Digital impression ensures efficient production cycles
- On the fly – immediate communication between the dentist and technician

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** ceramill® IOS workflow **

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Concentration of competence which benefits everyone - laboratory, dentist and patient.

The intraoral workflow with Ceramill Mind for 3M™ True Definition Scanner.

Dentist decides depending on the indication

Scan

3M™ True Definition Scanner
Whether you want to add digital impressioning to your existing workflow or expand your digital footprint—the 3M™ True Definition Scanner gives you unparalleled:

- **Accuracy**: Proven to be more accurate—and more consistently accurate—than other leading intraoral scanners
- **Ease of Use**: Innovative design for fast, easy and comfortable scanning
- **Affordability**: Low cost of entry into digital impressioning

Dental technician decides on the optimum fabrication procedure

**ceramill** map400
The functional scanner – precise, quick and with Splitex integration

- Large measuring field also scans articulated models
- Intelligent Scan Strategy (ISS) for even quicker scan times
- Ceramill MultiCap – multiple holder for scanning up to 12 dies simultaneously

The core of the system: the design software

- Time-saving due to intuitive dental technology workflow
- Wide range of functions
- Comprehensive range of indications

The functional interface between manual and digital dental technology

- Virtual Artex CR with unlimited range of functions
- Dynamic occlusal contouring avoids high spots
- Space for the veneering porcelain is automatically planned during the design

Wet and dry processing in a compact 5-axis milling machine

- Wet/dry milling/grinding - material-appropriate processing for every material
- Unlimited diversity of indications, also upgradable for future indications and materials
- 5-axis simultaneous technology - future-proof for new indications
Uncompromising quality in the final result – with full material and indication diversity, in-house.

The Ceramill Motion 2 produces highly precise results in all processing modes – regardless of whether in the dry or wet processing mode.

Chipped margins due to unsuitable grinding of lithium disilicate blocks (IPS e-max CAD, Ivoclar Vivadent).

Precise margins with no chipping or cracks using the example of VITA Mark II glass ceramic. The Ceramill Motion 2 guarantees these results regardless of the material to be processed.
The logical consequence: Digital model fabrication

Digital fabrication of models is a logical consequence if it is not intended to fabricate only chairside indications on the basis of intraoral scan data. A model is always necessary if manual working stages or controls are required. In the digital model fabrication concept the intraoral scan data are integrated in model software. Models are designed using the software.

In-house with Ceramill M-Plast

Ceramill M-Build is a software module for digital model fabrication based on intraoral scan data. The Ceramill Mind upgrade is always used to full effect if chairside indications require manual working stages or controls using a model. Without loss of precision and as is familiar with the manual working technique, Ceramill M-Build ensures the fabrication of interference-free sectioned models using CAD/CAM and integrates seamlessly in the existing processing chain of Ceramill system components. Models are fabricated using Ceramill M-Plast – a special model resin for CAD/CAM – and the Ceramill Motion 2 (5X).

- Maximum convenience thanks to easy, quick fabrication of highly precise sectioned models
- Increase in quality due to reduction in the sources of errors, e.g. plastic deformation of the impression material, plaster expansion
- Seamless, digital workflow ensures efficient, cost-effective working processes with maximum value creation
- No waiting times due to external production

Ceramill M-Build Starter kit