

# FACT SHEET



**CS 3000**  
Milling Machine

# CS 3000 Milling Machine

## Product Summary

The CS 3000 milling machine is a computer-aided manufacturing (CAM) tool that gives practitioners the ability to mill single-tooth restorations in house. The system combines high speed and precision milling to produce anatomically accurate shapes without undercuts. Practitioners can integrate the CS 3000 with the rest of the CS Solutions CAD/CAM restoration portfolio to scan, design, mill and place a restoration in one appointment.

## Product Features and User Benefits

**Single-Visit Restorations:** With an average milling time of less than 15 minutes for a crown, the CS 3000 enables practitioners to complete restorations in as little as one hour. The machine's quick milling time eliminates the need for temporary crowns, allowing practitioners to place a restoration in one appointment. The fact that follow-up appointments are not necessary also increases patient acceptance rates and overall satisfaction.

Time savings are further complemented by the CS 3000's milling queue, which gives practitioners the option of preparing multiple cases without having to wait for a restoration to be completely milled. This convenience saves time for both patients and practitioners.

**Precision Milling:** The CS 3000 features a 4-axis brushless motor that produces anatomically accurate restorations. The 4-axis processing reaches undercut areas and crafts required morphologies. The system's  $\pm 25 \mu\text{m}$  milling precision ensures reliable results for everyday restorations that are smooth, therefore requiring less time to polish. Moreover, the system's sturdy design provides high torsion-resistance with minimum deviation for consistent milling precision, even after years of use.

**Versatile Indications:** The CS 3000's high-speed milling creates durable restorations with sharp margins and smooth surfaces. The system is ideal for single-tooth restorations, such as crowns, inlays and onlays, and mills industry standard materials, including all-ceramic blocks, hybrid ceramic blocks, zirconia, and resin-based ceramic blocks, to produce natural results. With a sufficiently large rotation, the CS 3000 is also positioned to mill additional indications in the future.

**Compact and Quiet:** The design of the CS 3000 eliminates the need for compressed air, a water supply or a drain, and its compact footprint allows the machine to fit into any practice. Additionally, due to its quiet, vibration-free milling, the CS 3000 can be placed nearly anywhere in a practice, even chairside. Practitioners can easily integrate the system into their existing workflow since it connects to a practice's network with an Ethernet cable. This connectivity allows practitioners to send cases directly to the CS 3000 from any networked computer as well as monitor the status of cases being milled.



**Simple to Use:** The CS 3000 can be used by any member of a practice without extensive training. Operating the system is simple, with only one physical button and an intuitive user interface that provides clear instructions, milling status and error messages. After a restoration design is uploaded, the software automatically sets up the parameters with minimal operator intervention. Once the software is ready, practitioners simply have to insert a block, close the door and push the start button. The software also stores important case history information, such as design and material used, for full traceability of each milled restoration.

**Easy to Maintain:** The CS 3000 requires minimal routine maintenance. A debris and water collection tray keeps the milling environment clean, while the system's software indicates when water, the bur or the filter need to be replaced. On average, the filter should be cleaned and the water replaced on a weekly basis.

**Flexible, Versatile System:** The CS 3000 can be integrated with the other components of the CS Solutions CAD/CAM restoration portfolio, which offers versatile digital impression options that provide practitioners with greater flexibility. Practitioners can capture digital impressions directly with the CS 3500 or indirectly by scanning conventional impressions with a Carestream Dental CBCT system, such as the CS 8100 3D, CS 9300 or CS 9000 3D. Image data can then be used with CS Restore software to design a restoration, which is then milled with the CS 3000.

#### More Information

For more information about the CS 3000 and the complete CS Solutions portfolio, visit [www.carestreamdental.com/solutions](http://www.carestreamdental.com/solutions). For more information on Carestream Dental's innovative solutions or to request a product demonstration, call **800.944.6365** or visit [www.carestreamdental.com](http://www.carestreamdental.com).

#### About Carestream Dental

Carestream Dental provides industry-leading imaging, CAD/CAM, software and practice management solutions for dental and oral health professionals. With more than 100 years of industry experience, Carestream Dental products are used by seven out of 10 practitioners globally and deliver more precise diagnoses, improved workflows and superior patient care. For more information or to contact a Carestream Dental representative, call **800.944.6365** or visit [www.carestreamdental.com](http://www.carestreamdental.com).

#### About Carestream Health

Carestream is a worldwide provider of dental and medical imaging systems and IT solutions; X-ray imaging systems for non-destructive testing and advanced materials for the precision films and electronics markets. For more information about the company's broad portfolio of products, solutions and services, please contact your Carestream representative, call **888.777.2072** or visit [www.carestream.com](http://www.carestream.com).

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