



# WOW



## THE FIVE STAR EXPERIENCE



"What do the reviews say? How many stars does it have?" That's a pretty common question most ask these days before making a purchase of any sort — from a new frying pan to staying at a fabulous resort. The "online review culture" has created an innate trust in the thoughts and opinions of relative strangers who post feedback and has also commanded the experience of expecting and demanding the best in every regard. The JDT asked those in the industry to nominate the WOW! products or services that save time, money and improve the quality of their work; to pass along what their 5 star products were. A judging panel then researched and ranked the nominations and the following are the top five winners in alphabetical order.



A highly-qualified panel of technicians and laboratory owners ranked all of the nominations. JDT thanks the following individuals who voluntarily gave their time and expertise to judge the 2017 list.



**Jessica Birrell, MOM,CDT, MUA**

*Owner, Capture Dental Arts, West Jordan, Utah*

Growing up in a large family filled with adventurous trips exploring the outdoors fueled by creativity, compassion, and service, at a young age Birrell learned she could create anything she could imagine with hard work and a creativity. These opportunities and a love for artistry led her to an unexpected career in dental technology. In 1999 she attended the American Medical Dental Institute for Dental Technology and 18 years later this love for artistry and creativity continue to fuel her endeavors as owner of Capture Dental Arts located in West Jordan, Utah. In addition to her various artistic creations with her three children, Birrell is a certified dental technician, certified makeup artist, attended college for graphic design and enjoys sharing her love for dentistry worldwide.



**Chris Morris**

*CEO/Owner, ADL Dental Laboratory, Inc., Louisville, Ky.*

Upon graduation from the University of Louisville School of Business with a B.A. in Marketing and Finance in 1991, Morris purchased ADL Dental Laboratory from his father's parent company. He decided to educate himself on dental implants, a section of dentistry that was underserved and growing rapidly. ADL has grown from four employees to over 50 during the last 26 years; today being one of the regions most experienced implant laboratories. Morris lectures for implant companies, belongs to the CAL Lab Group, a member of the Modern family of dental laboratories, two Spear study clubs, a DevRight speaker's series graduate and numerous implant and restorative local study clubs. He is also a guest faculty member at The Pankey Institute.



**Ricky Sabo**

*Lab Manager, CAD/CAM Technician, Sabo Dental Lab, Inc., St. Paul, Minn.*

Sabo graduated from Gustavus Adolphus College in 2007 with a B.A., majoring in Business Management. He started working in the family dental lab business shortly after graduation and helped the lab go digital with its first scanner in 2007, starting accepting 3M™ digital impressions in 2008, and had the capability to be a 3M™ milling center in 2012. He has served as treasurer of the Midwest Dental Laboratory Association since 2013.



**Darin Thronson**

*President, Innovative Dental Technologies, Memphis, Tenn.*

Darin Thronson is a graduate of the University of Memphis with an emphasis in business and public health. He is a recipient of NADL's Pillar Scholarship award and a certified DAMAS consultant for dental laboratories. In his career he has been a sales professional for a major dental distributor, Clinical Director for an in-office CAD/CAM training company, and is currently President of Innovative Dental Technologies, a dental laboratory and CAD/CAM consulting company devoted to the teaching and mentoring of dentists, laboratory technicians, and auxiliary staff on CAD/CAM methods, materials and marketing. He has lectured both domestically and internationally on CAD/CAM dentistry and enjoys sharing that knowledge in the continuing pursuit of dental excellence.



# ARGENMILL MILLED GOLD CROWNS



*"Just a quick polish and the units are ready to seat with little to no adjustment."*

## What does the product do?

ArgenMill is a better, faster, and leaner business model for the dental laboratory. ArgenMill Gold Crowns are precision milled for better fit, improved consistency and accuracy over casting, increased productivity and competitive pricing. Argen currently offers two yellow gold milled options both available in single unit to 4-unit bridges:

- ArgenMill Au58, a High Noble alloy containing 58% gold
- ArgenMill Au2, a Noble alloy containing 2% gold

## What is the product's WOW! factor?

ArgenMill makes it easy for dental laboratories to quickly provide their doctors with beautiful, high-quality, reliable crowns. Once the milled gold restoration is received in the lab, it takes mere minutes to finish. Just a quick polish and the units are ready to seat with little to no adjustment. ArgenMill milled gold is the ultimate WOW! product thanks to its minimal post-processing time, ease of use and superior quality.

## Why do customers give the product 5 stars?

Customers rate ArgenMill five stars because of the numerous and comprehensive benefits provided by its service and products, especially when compared to the lost-wax method. With ArgenMill, just design, send, and be done! Benefits include:

- No casting
- Perfect fit every time
- Substantial time and cost savings
- No inventory
- No spruing
- No investing issues
- No expansion ratio issues
- No warped wax patterns
- No porosity from casting

**Argen Corporation**  
**(800) 255-5524**  
**[www.argen.com](http://www.argen.com)**

As received in-lab



After a quick polish



As received in-lab



After a quick polish





# ASIGA PRO2 75 3D PRINTER



## What does the product do?

The Asiga Pro2 75 is an open source DLP 3D printer that prints extremely accurately with an X, Y precision of 75 microns and a 385nm light source. It's ideal for printing dental models, custom impression trays, surgical guides, splints and burnout patterns for crown and bridge and partial denture frameworks. Due to its 385 nanometer light source, the Asiga Pro2 75 3D printer can print crystal clear biocompatible resins. Whip Mix offers a full range of resin materials available for model production, surgical guides and casting. All these materials are fully qualified and are available today. The Asiga Pro2 75 3D Printer also features a build envelope size (X, Y, Z mm) of 144mm x 81mm x 200mm, which enables it to print a large volume of printed pieces on the build surface and also stacked vertically (200mm).

## What is the product's WOW! factor?

What makes the Asiga Pro2 75 3D Printer a WOW! product is that it creates accurate, detailed 3D printed parts in a fraction of the time and for a fraction of the cost of some of its competitors. Its low cost even includes intuitive and easy to use Composer CAM software with lifetime support. In addition, unlike most other printers, it is a true open source printer which means it can accommodate virtually any other resin. This is advantageous for a laboratory that does not like to be required to purchase all of their resins from just one company. The product offers freedom of choice.

## Why do customers give the product 5 stars?

Few products deliver as promised like the Asiga Pro2 75 3D Printer. Once set up and calibrated, the printer dependably and consistently prints accurate and detailed parts. It also increases a laboratory's throughput so labs that are printing a sizeable number of models, burnout patterns, etc., daily, appreciably increase their productivity. All this would be good enough for most labs, but in addition to the outstanding and predictable results, the cost of the printer and materials per part are extremely affordable for most laboratories.

**Whip Mix Corporation**  
(800) 626-5651  
[www.whipmix.com](http://www.whipmix.com)

*"Unlike most other printers, it is a true open source printer which means it can accommodate virtually any other resin."*





# DWX-52DC DENTAL MILLING MACHINE

## WITH AUTOMATIC DISC CHANGER

### What does the product do?

The DWX-52DC five-axis dental mill is designed to greatly expand any lab's productivity and profits. It allows you to mill multiple materials continuously – all day and all night – for maximum output and efficiency. A 6-slot Automatic Disc Changer lets you load up to six discs and complete multiple jobs quickly and cost-effectively. The DWX-52DC can also mill a wide variety of materials – zirconia, PMMA, PEEK, hybrid composite resins, cobalt sinter metal, and more – with ease and precision. It's capable of handling a range of applications as well, including everything from crown and bridge to complex restorations like denture bases, partial frameworks and surgical guides.

### What is the product's WOW! factor?

The DWX-52DC enables labs to widen the spectrum of jobs they can accept, streamline workflow, increase production and effectively manage materials, all while maintaining the highest levels of restoration quality and accuracy.

The DWX-52DC's long list of innovative features includes:

- A 6-slot Automatic Disc Changer (ADC) with bar code reading system
- Automatic Tool Changer (ATC) for uninterrupted production, plus Intelligent Tool Control that swaps out used burs when they reach their user-defined life spans.
- Cleaning tool that removes material waste and debris from every dental restoration.
- Air pressure control eliminates the need for manual pressure adjustments.
- SD card stores all your jobs on the mill.

### Why do customers give the product 5 stars?

- Labs appreciate the DWX-52DC's ability to efficiently produce a wide range of precision dental prosthetics, mill 24/7 without interruption, and significantly improve material management.
- Customers like the fact that the DWX-52DC is an easy-to-use "plug-and-play" device. The mill can be operational out of the box within minutes – and very little training or expertise is necessary to operate this device. Plus, the open allows for easy integration with popular scanners and software.
- Due to the outstanding reliability of the DWX-52DC, labs rarely, if ever, have to stop a job due to a mechanical issue. In the unlikely event a mechanical problem does arise, most repairs can be made in-house without having to call an outside technician. If assistance is needed, however, DGSHAPE by Roland provides the best service and support in the industry.

**DGSHAPE by Roland**  
**(949) 727-2100**  
**[www.rolanddga.com/dental](http://www.rolanddga.com/dental)**



*"Very little training or expertise is necessary to operate this device."*





# GC INITIAL LISI PRESS



## What does the product do?

GC Initial LiSi Press is a high-strength lithium disilicate ingot with proprietary HDM (High Density Micronization) technology that equally disperses micro-crystals—rather than traditional larger-size crystals—to fill the entire glass matrix, resulting in excellent physical properties and esthetics. It has a flexural strength of >500MPa and virtually no reaction layer when divested. The material is wear resistant, stable after multiple firings and optimized for use with GC Initial LiSi veneering ceramic and GC Initial™ Lustre Pastes.

## Why do customers give the product 5 stars?

Dental laboratories will save money, and just as importantly, time. The cost per ingot is lower than the leading competitor and the investing and divesting process is quicker, thanks to the virtual elimination of the reaction layer (time savings is 15-20 minutes per crown). The material is more forgiving as it can be fired multiple times while still retaining its improved physical properties. It does not drop in value and the shades remain true and vibrant. It is easier for dental labs to achieve the opalescence and translucency of a natural tooth with this material, producing superior aesthetics.

*"It has a flexural strength of >500MPa and virtually no reaction layer when divested."*

## What is the product's WOW! factor?

GC Initial LiSi Press is unique thanks to the development of HDM technology (High Density Micronization). With HDM technology, nano lithium disilicate particles are used and they are densely and homogeneously packed within a matrix of glass. GC Initial LiSi Press can be fired multiple times without losing value or distorting. Instead, the material will keep its high chroma and strength, so dental technicians will find it easier to achieve consistent and excellent results.

**GC America Inc.**  
**(800) 323-7063**  
**[www.gcamerica.com](http://www.gcamerica.com)**

# *initial* LiSi Press





# IPS e.max ZIRCAD



## What does the product do?

Providing options for a wide range of indications, Ivoclar Vivadent's new IPS e.max ZirCAD zirconia discs are available in three levels of translucency (MT, LT, and MO) and in an innovative polychromatic MT Multi layered version.

## What is the product's WOW! factor?

Since its launch, the IPS e.max system from Ivoclar Vivadent has become a leading all-ceramic mainstay that has benefited laboratories, clinicians and patients alike. Consisting of lithium disilicate glass ceramic materials, IPS e.max Press and IPS e.max CAD, the IPS e.max system has now been expanded to include a comprehensive selection of zirconium oxide discs and blocks under IPS e.max ZirCAD.

*"IPS e.max lithium disilicate and IPS e.max zirconium oxide offer versatile all-ceramic solutions for every case."*

The centerpiece of the IPS e.max ZirCAD system, IPS e.max ZirCAD MT Multi, has been designed with a special powder formulation and innovative shading technology. The results are restorations that demonstrate a natural progression of chroma and translucency from dentin to enamel and don't require characterization or staining.

For easily customizable zirconia restorations, the unique formulation of IPS e.max ZirCAD MT provides the perfect combination of zirconia strength, color, and translucency; the ideal zirconia choice for cases in which high mechanical stability, thin restoration walls, and natural looking dentition are of the essence. With IPS e.max ZirCAD a tradeoff in translucency for strength is not required, as this esthetic zirconia material provides up to 30% higher flexural strength and 50% higher fracture toughness compared to other common higher translucency zirconia materials.



Images courtesy of Matt Roberts, CDT, CMR Dental Laboratory.

## Why do customers give the product 5 stars?

IPS e.max lithium disilicate and IPS e.max zirconium oxide offer versatile all-ceramic solutions for every case. IPS e.max is the only system that brings these two materials together in a single, comprehensive, easy to use solution that allows all indications in fixed prosthetics to be covered with an all-ceramic option.

**Ivoclar Vivadent Inc.**  
**(800) 533-6825**  
**[www.ivoclarvivadent.us](http://www.ivoclarvivadent.us)**

