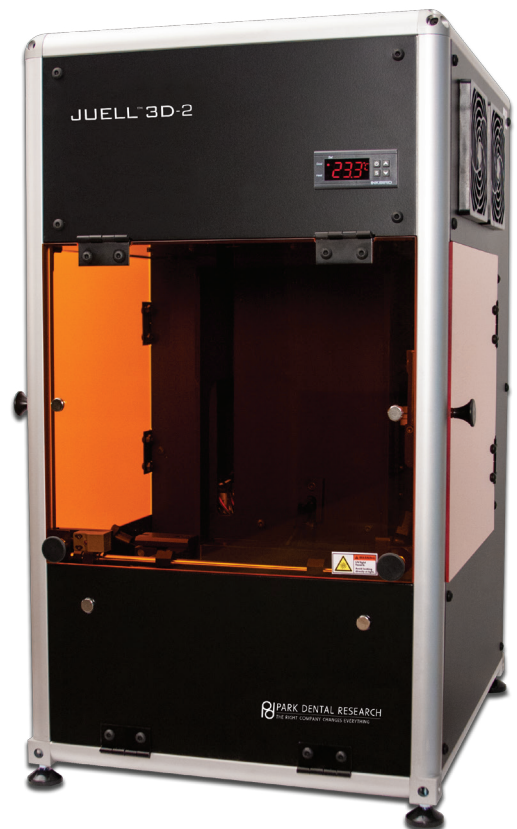


JUELL™ 3D-2

INNOVATION AT THE CUTTING EDGE OF DIGITAL DENTISTRY

Now Powered by JUELL 3D™ Flash OC Software,
JUELL 3D Has a New Advantage Over the Competition

Park Dental Research's newest JUELL 3D-2 printer uses DLP technology which is far more superior than laser-based printers and has the highest level of resolution and accuracy in its class. Unlike other popular printers on the market, JUELL 3D-2 is known for its ability to rapidly produce a high volume of surgical guides and dental models for aligners without compromising accuracy for just a few dollars per object. This new generation of JUELL 3D is powered by JUELL 3D Flash OC printing software that prints with optimized accuracy. Coupled with precision optics and mechanics, JUELL 3D-2 surpasses its competition in speed, precision and price. JUELL 3D-2 is the emerging standard for busy orthodontic offices, implant practices and laboratories.



INNOVATION THAT SETS A STANDARD

- Includes dedicated JUELL 3D Flash OC Software & Hardware. Eliminates software conflict with other programs.
- JUELL 3D-2 builds vertically in micro slices thinner than a human hair.
- Accuracy and resolutions achievable only by current high-end printers.
- Builds to a maximum height of 230 mm, and offers the flexibility to build at 50, 70 or 100 microns.
- Massive print area of 7.25 x 4.25 x 9 inches.

3D PRINTING IN A *FLASH*

- JUELL 3D-2 is one of the fastest 3D printers on the market today. Print orthodontic models for complete clear aligner treatment in under 30 minutes without compromising resolution or accuracy.
- Builds at speeds as fast as 7 seconds per layer!
- Unbelievable accuracy achieved by using enhanced UV/DLP/LED technology and JUELL 3D Flash OC software to project an HD image with 1920 x 1080 resolution.
- Print from an intra-oral or tabletop scanner using .stl, .obj, .3ds or .amf file.
- Print jobs are scalable. Build a quadrant or 12 arches and the layer build time remains the same.

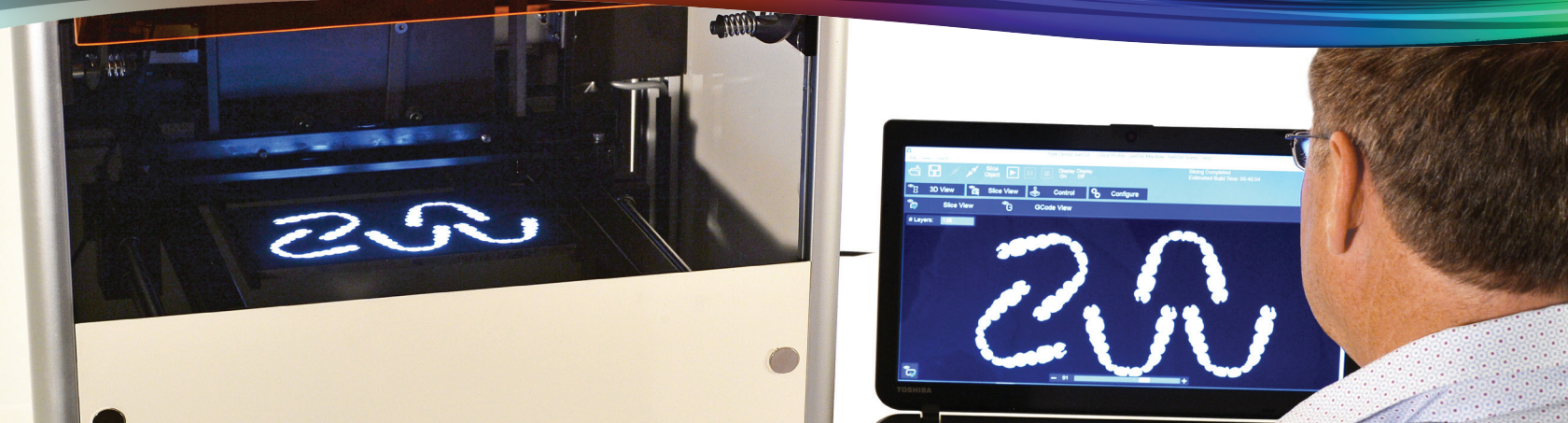
DIVERSE APPLICATIONS IN HOUSE

JUELL 3D-2 allows you to produce models for orthodontic aligners, surgical guides for a fraction of what it would cost to outsource. Along with the fastest printing speeds available and precision builds, JUELL 3D technology comes at a price that is cost effective when compared to other popular competitors.



www.parkdentalresearch.com/800.243.7372

JUELL™ 3D-2



New Class I & Class IIa Resins Available Now!

- JUELL 3D Volo O3D: Class I for orthodontic models.
- JUELL 3D Volo-Model: Class I for printing dental models.
- JUELL 3D Volo-Base: Class I for Try-ins only.
- JUELL 3D Volo-Guide: Class I for printing surgical guides.
- JUELL 3D Volo-Cast: Class I for printing castable parts.

Coming Soon!

- JUELL 3D Volo-Ortho FlexFit: Class I for printing indirect bonding trays.
- JUELL 3D Volo-Ortho Clear: Class IIa for printing splints and retainers.
- JUELL 3D Volo-Ortho Firm: Class IIa for printing digital splints.
- JUELL 3D Volo-Tray: Class I for printing impression trays.
- JUELL 3D Volo-Base: Class IIa for printing denture base.
- JUELL 3D Volo-GingiMask: Class I for printing gingival mask.
- JUELL 3D Volo-Crown: Class IIa for printing crown/bridge, made in 3 shades
- JUELL 3D Volo-Utility: Industrial Use – Charcoal

Technical Specifications

Technology	UV/DLP/LED
Net Build Volume (xyz)	192 x 108 x 230 mm 7.25 x 4.25 x 9 in
Maximum Build Height	230 mm [9 inches]
Native Resolution (xy)*	1920 x 1080
Layer Resoution (xy)	50/70/100 microns 25 microns coming soon
Layer Thickness (z)	Down to 5 microns
Vertical Build Speed	Up to 36 mm/hour
Build Plate	Oxygen Permeable Membrane Alloy
Material	JUELL 3D Volo Proprietary
Software	- JUELL 3D Flash OC - Windows - based OS
File Input	.stl / .obj / .3ds / .amf
Electrical Requirements	100 - 220V 50/60 Hz
Footprint	16 x 20 x 28 in
Warranty	Limited One-Year