JUELL™ 3D-3

40% lighter
50% faster
100% made in USA

Excellence in Accuracy & Speed

Park Dental Research's newest JUELL™ 3D-3 printer uses DLP technology, which is superior to laser-based printers, and has the highest level of resolution and accuracy in its class. Unlike other popular printers on the market, JUELL™ 3D-3 is known for its ability to rapidly produce a high volume of surgical guides and dental models for aligners and digital dentures without compromising accuracy. All for just a few dollars per model.

This new generation of JUELL™ 3D is powered by JUELL™ 3D Flash OC software that prints with optimized accuracy. Thanks to with precision optics and mechanics, JUELL™ 3D-3 surpasses its competition in speed, precision and price. JUELL™ 3D-3 is the emerging standard for busy orthodontic offices, implant practices and laboratories.

3D Printing in a flash

- JUELL™ 3D-3 is one of the fastest 3D printers on the market today. Print orthodontic models for complete clear aligner treatment **in less than 18 minutes** without compromising resolution or accuracy.

- Builds at speeds as fast as 4.5 seconds per layer

- Print from an intra-oral or tabletop scanner using .STL / .OBJ/ .3ds / .AMF files

- Print jobs are scalable. Build a quadrant or 18 arches and the layer build time remains the same.

Innovation that sets a standard

- Includes dedicated JUELL™ 3D Flash OC software

- Accuracy and resolutions achievable only by current high-end printers

- Builds to a maximum height of 100 mm and offers the flexibility to build at 50/100 µm

- 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 px

Diverse applications

- JUELL™ 3D-3 allows you to produce models for orthodontic aligners and surgical guides for a fraction of what it would cost to outsource.

- Deliver same day:
  - Orthodontic models for aligners
  - Digital denture bases
  - Temporary crown & bridge
  - Surgical guides
  - Gingival masks
  - Trays
  - Splints
  - Casts
  - Partials
  - Nightguards
  - Indirect bonding tray

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For more information call: 800-243-7372
Order online www.parkdentalresearch.com/juell-3d

TECHICAL SPECIFICATIONS

Technology	UV / DLP / LED
Net Build Volume (xyz)	192 mm x 108 mm x 230 mm 7.25" x 4.25" x 9"
Maximun Build Height	100 mm (3.93")
Native Resolution (xy)*	1920 px x 1080 px
Layer Resolution (xy)	50/100 µm 25 µm (microns) coming soon
Layer Thickness (z)	Down to 5 µm (microns)
Vertical Build Speed	Up to 51 µm/hr
Build Plate	Oxygen Permeable Membrane & Alloy
Material	JUELL™ 3D Volo Propietary
Software	JUELL™ 3D Flash OC, Windows-based OS
File Input	.STL / .OBJ / .3ds / .AMF
Electrical Requirements	100 – 200 v 50/60 Hz
Footprint	16" x 20" x 28"
Warranty	Limited One Year

Designed to run on Windows 7 or 10 platform (64 bit).
1280 x 1024 resolution or better (32-bit color depth recommended).

MADE IN U. S. A.

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